

CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 210 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..210
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-010-408-8

Query Match 27.9%; Score 210; DB 14; Length 210;
Best Local Similarity 100.0%; Pred. No. 5.3e-99;
Matches 210; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 70 CAGCTGTGCGGACACCCCTGTACTGTCTTGGACACACCCAGTGCACACAGGGGTA 129
DB 1 CAGCTGTGCGGACACCCCTGTACTGTCTTGGACACACCCAGTGCACACAGGGGTA 60

QY 130 CCCCTGTGCTGATGCTGTGCTGCTGTAAGTGTGTGACGAGAGGCTGGGGAGTCC 189
DB 61 CCCCTGTGCTGATGCTGTGCTGCTGTAAGTGTGTGACGAGAGGCTGGGGAGTCC 120

QY 190 TGGACACCTGCATGTCTGCGACCCAGCCAGGCGCTGTTGTCAAGCTGGGGAGGC 249
DB 121 TGGACACCTGCATGTCTGCGACCCAGCCAGGCGCTGTTGTCAAGCTGGGGAGGC 180

QY 250 CCTGGCGCCATGGGGCTGTGTCTCTTG 279
DB 181 CCTGGCGCCATGGGGCTGTGTCTCTTG 210

RESULT 5
US-10-010-408-5
Sequence 5, Application US/10010408
Publication No. US20020165185A1
GENERAL INFORMATION:
APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CCN-Like Molecules
and Uses Therefor
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts

COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..177
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-010-408-5

Query Match 23.5%; Score 177; DB 14; Length 177;
Best Local Similarity 100.0%; Pred. No. 8.8e-82;
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 TGTAGGTGAATGCCGACAGTACCTGATGAGAGACCTTTAAACCAATTGACGGTC 357
DB 1 TGTAGGTGAATGCCGACAGTACCTGATGAGAGACCTTTAAACCAATTGACGGTC 60

QY 358 CTGTGCCGCTGTGATGACGCTTCACTGCTGCCCTGTGACAGTGAAGTGC 417
DB 61 CTGTGCCGCTGTGATGACGCTTCACTGCTGCCCTGTGACAGTGAAGTGC 120

QY 418 CTGCCAGCTGGAGTGCACGCCCCAAGAGATACAGTGCCAGAAAGTCTGC 474
DB 121 CTGCCAGCTGGAGTGCACGCCCCAAGAGATACAGTGCCAGAAAGTCTGC 177

RESULT 6
US-10-010-408-10
Sequence 10, Application US/10010408
Publication No. US20020165185A1
GENERAL INFORMATION:
APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CCN-Like Molecules
and Uses Therefor
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 174 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..174
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-010-408-10

```

Query Match      23.1%; Score 174; DB 14; Length 174;
Best Local Similarity 100.0%; Pred. No. 3.2e-80;
Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      577 CCTGTGCCAAATTGGAGCACACAGCCCTGGGGCCCCCTGCTCAACCACCTGTGGGCTGGGCATA 636
      |||
Db       1 CCTGTGCCAAATTGGAGCACAGCCCTGGGGCCCCCTGCTCAACCACCTGTGGGCTGGGCATA 60

QY      637 GCCACCCCGAGTGTCCCAACGAGAACCCGATTTCTGCCAACTGGAGATCCCAACGCCGCTGTGT 696
      |||
Db       61 GCCACCCCGAGTGTCCCAACGAGAACCCGATTTCTGCCAACTGGAGATCCCAACGCCGCTGTGT 120

QY      697 CTGCCCAGACCCCTGCTCTGGCAGCCAGAGCCACAGCTCATGTGAACAAGTGCTTTC 750
      |||
Db       121 CTGCCCAGACCCCTGCTCTGGCAGCCAGAGCCACAGCTCATGTGAACAAGTGCTTTC 174

RESULT 7
US-10-112-267-17
; Sequence 17, Application US/10112267
; Publication No. US20030068678A1
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695

```

```

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-17

```

```
Query Match          12.0%; Score 90; DB 15; Length 1734;  
Best Local Similarity 100.0%; Pred. No. 1.7e-36;  
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 162 AGTGTGTCACGCAGGGCTGGGGGAGTCTCTGCCACCACCTGCATGTCTGCGACCCAGCCA 221
 |||
DB 418 AGTGTTGCACGAGAGGCTGGGGAGTCTCTGCCACCACCTGCATGTCTGCGACCCAGCCA 477

QY 222 GGGCCTGGTTGTTCAGCCTGGGCAGGCC 251
 |||
DB 478 GGGCCTGGTTGTTCAGCCTGGGCAGGCC 507

RESULT 8
US-10-11

```

; Sequence 18, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-18

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```

Query Match      12.0%; Score 90; DB 15; Length 1734;
Best Local Similarity 100.0%; Pred. No. 1.7e-36;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY	162	AGTGTGTGCA	CGGAGGCTGGGGGAGTCTCTGGCACCACCTGCATGTCTGGACCCAGCCA	221
Db	1317	AGTGTGTGCA	CGGAGGCTGGGGGAGTCTCTGGCACCACCTGCATGTCTGGACCCAGCCA	1258
QY	222	GGGCGCTGTTTGT	CAGCCTGGGGCAGGCCCC	251
Db	1257	GGGCGCTGTTTGT	CAGCCTGGGGCAGGCCCC	1228

RESULT 5

US-09-864-761-23432
; Sequence 23432, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:


```
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 23432
LENGTH: 199
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL139352.8
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
OTHER INFORMATION: NT HIT: AF083500.1, EVALUATE 1.00e-108
OTHER INFORMATION: SWISSPROT HIT: O19113, EVALUATE 9.00e-19
US-09-864-761-23432
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Query Match 4.2%; Score 32; DB 9; Length 199;
Best Local Similarity 100.0%; Pred. No. 3.7e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 406 GAGGATGTGCGGCTGCCAGCTGGGACTGCCCC 437
Db 129 GAGGATGTGCGGCTGCCAGCTGGGACTGCCCC 160
```

```
RESULT 10
US-09-864-761-6698
Sequence 6698, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 6698
LENGTH: 586
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL139352.8
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
US-09-864-761-6698
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Query Match 4.2%; Score 32; DB 9; Length 586;
Best Local Similarity 100.0%; Pred. No. 3.3e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY 406 GAGGATGTGCGGCTGCCAGCTGGACTGCC 437
DB 342 GAGGATGTGCGGCTGCCAGCTGGACTGCC 373

RESULT 11

US-10-641-643-790

; Sequence 790, Application US/10641643
; Publication No. US20040077003A1

GENERAL INFORMATION:

APPLICANT: Cocks, Benjamin G.

Susan G. Stuart

Jeffrey J. Seilhamer

TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
GENE EXPRESSION

NUMBER OF SEQUENCES: 1508

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 PORTER DRIVE

CITY: PALO ALTO

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/641,643

FILING DATE: 14-Aug-2003

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071

REFERENCE/DOCKET NUMBER: PA-0001 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 855-0555

TELEFAX: (650) 845-4166

INFORMATION FOR SEQ ID NO: 790:

SEQUENCE CHARACTERISTICS:

LENGTH: 647 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: LUNGTUT02

CLONE: 692911

SEQUENCE DESCRIPTION: SEQ ID NO: 790 :

US-10-641-643-790

Query Match 4.2%; Score 32; DB 17; Length 647;
Best Local Similarity 100.0%; Pred. No. 3.3e-06;

Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 406 GAGGATGTGCGGCTGCCAGCTGGACTGCC 437
DB 138 GAGGATGTGCGGCTGCCAGCTGGACTGCC 169

RESULT 12

US-10-112-267-38

; Sequence 38, Application US/10112267
; Publication No. US20030068678A1

GENERAL INFORMATION:

APPLICANT: Botstein, David A.

APPLICANT: Cohen, Robert

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2

CURRENT APPLICATION NUMBER: US/10/112,267

CURRENT FILING DATE: 2002-03-27

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B

PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704

PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612

PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14

NUMBER OF SEQ ID NOS: 156

SEQ ID NO 38

LENGTH: 738

TYPE: DNA

ORGANISM: Homo sapiens

US-10-112-267-38

Query Match 4.2%; Score 32; DB 15; Length 738;
Best Local Similarity 100.0%; Pred. No. 3.2e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 127 GTACCCCTGTGCTGTGATGGCTGTGCTG 158
DB 115 GTACCCCTGTGCTGTGATGGCTGTGCTG 146

RESULT 13

US-10-112-267-39

; Sequence 39, Application US/10112267
; Publication No. US20030068678A1

GENERAL INFORMATION:

APPLICANT: Botstein, David A.

APPLICANT: Cohen, Robert

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Lawrence, David A.

APPLICANT: Levine, Arnold J.

APPLICANT: Pennica, Diane

APPLICANT: Roy, Margaret Ann

APPLICANT: Wood, William I.

TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME

FILE REFERENCE: P1176R2

CURRENT APPLICATION NUMBER: US/10/112,267

CURRENT FILING DATE: 2002-03-27

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B

PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704

PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612

PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14

NUMBER OF SEQ ID NOS: 156

SEQ ID NO 39

LENGTH: 841

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

NAME/KEY: misc_feature

LOCATION: 1-841

OTHER INFORMATION: Sequence is synthesized.

Query Match 4.2%; Score 32; DB 15; Length 841;
Best Local Similarity 100.0%; Pred. No. 3.2e-06;

Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 406 GAGGATGTGGCGCTGCCAGCTGGAGTGGCC 437
Db 417 GAGGATGTGGCGCTGCCAGCTGGAGTGGCC 448

RESULT 14
US-10-147-493-319
; Sequence 319, Application US/10147493
; Publication No. US20040029217A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C345
; CURRENT APPLICATION NUMBER: US/10/147,493
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-493-319

Query Match 4.2%; Score 32; DB 13; Length 1266;
Best Local Similarity 100.0%; Pred. No. 3e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 GTACCCCTGTGTGCTGATGGCTGTGGCTGCTG 158
Db 136 GTACCCCTGTGTGCTGATGGCTGTGGCTGCTG 167

RESULT 15
US-10-145-127-319
; Sequence 319, Application US/10145127
; Publication No. US20040033558A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C252
; CURRENT APPLICATION NUMBER: US/10/145,127
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-145-127-319

Query Match 4.2%; Score 32; DB 13; Length 1266;
Best Local Similarity 100.0%; Pred. No. 3e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 GTACCCCTGTGTGCTGATGGCTGTGGCTGCTG 158
Db 136 GTACCCCTGTGTGCTGATGGCTGTGGCTGCTG 167

Search completed: May 9, 2004, 15:44:06
Job time : 335.445 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using SW model

Run on: May 9, 2004, 04:40:51 ; Search time 53.0441 Seconds
(without alignments)
6643.418 Million cell updates/sec

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Title: US-10-010-408-3_COPY_1_635
Perfect score: 635
Sequence: 1 ATGAGGGGACGCCCACTGAT.....ACCACTGTGGCTGGCAT 635
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 27747546 residues

Total number of hits satisfying chosen parameters: 1365418

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Minimum DB seq length: 0
Maximum DB seq length: 20000000000
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Database :      Issued Patents NA: *
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq: *
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Query				Description	
No.	Score	Match	Length	DB	ID	
c	1	553.2	87.1	1734	4	US-09-182-145-17
	2	553.2	87.1	1734	4	US-09-182-145-18
	3	430.2	67.7	1293	4	US-09-182-145-13
	4	430.2	67.7	1293	4	US-09-182-145-14
	5	423	66.6	738	4	US-09-182-145-38
c	6	416.2	65.5	841	4	US-09-182-145-39
	7	222.8	35.1	647	4	US-09-023-655-790
	8	127.6	20.1	2075	1	US-08-167-628-1
	9	127.6	20.1	2075	1	US-08-386-680-1
	10	127.6	20.1	2075	1	US-08-459-717-1
11	127.6	20.1	2075	1	US-08-712-302-1	Sequence 1, Appli
12	127.6	20.1	2075	2	US-08-880-031-1	Sequence 1, Appli
13	127.6	20.1	2075	3	US-09-097-179-1	Sequence 1, Appli
14	127.6	20.1	2075	3	US-09-080-715-1	Sequence 1, Appli
15	127.6	20.1	2075	4	US-09-142-569-7	Sequence 1, Appli
16	127.6	20.1	2075	4	US-09-461-688-1	Sequence 1, Appli
17	127.6	20.1	2075	4	US-09-023-655-1044	Sequence 1044, App
18	127.6	20.1	2075	5	PCT-US96-08140-1	Sequence 1, Appli
19	127.6	20.1	2998	3	US-09-054-368-1	Sequence 1, Appli
20	127.6	20.1	2998	3	US-09-054-274-1	Sequence 1, Appli
21	127.6	20.1	2998	3	US-09-056-704-1	Sequence 1, Appli
22	125.8	19.8	2338	4	US-09-582-337-1	Sequence 1, Appli
23	125.8	19.8	2350	4	US-09-187-478-1	Sequence 1, Appli
24	125.2	19.7	669	4	US-09-461-688-3	Sequence 3, Appli
25	125	19.7	1146	4	US-09-348-815-1	Sequence 1, Appli
26	124.2	19.6	2350	4	US-09-292-036-1	Sequence 1, Appli
27	123.4	19.4	1418	4	US-09-142-569-3	Sequence 3, Appli

28	120.8	19.0	2267	4	US-09-142-569-5	Sequence 5, Appli
29	117	18.4	1480	4	US-09-142-569-1	Sequence 1, Appli
30	105.6	16.6	1766	4	US-09-182-145-9	Sequence 9, Appli
31	105.6	16.6	1766	4	US-09-182-145-10	Sequence 10, Appli
32	102.8	16.2	1128	2	US-08-459-101A-1	Sequence 1, Appli
33	97	15.3	1062	4	US-09-253-316-3	Sequence 3, Appli
34	96.2	15.1	2830	4	US-09-182-145-2	Sequence 1, Appli
35	96.2	15.1	2830	4	US-09-182-145-2	Sequence 2, Appli
36	84	13.2	4214	4	US-09-122-135-1	Sequence 1, Appli
37	75.4	11.9	1142	4	US-09-253-316-1	Sequence 1, Appli
38	75.4	11.9	1212	4	US-09-182-145-34	Sequence 34, Appli
39	75.4	11.9	1212	4	US-09-182-145-35	Sequence 35, Appli
40	75.4	11.9	1335	4	US-09-182-145-30	Sequence 30, Appli
41	75.4	11.9	1335	4	US-09-182-145-31	Sequence 31, Appli
42	73.8	11.6	1403	4	US-09-182-145-23	Sequence 23, Appli
43	65.8	10.4	1101	4	US-09-182-145-29	Sequence 29, Appli
44	63.4	10.0	693	4	US-09-182-145-24	Sequence 24, Appli
45	63.4	10.0	1202	4	US-09-182-145-26	Sequence 26, Appli

ALIGNMENTS

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RESULT 1
US-09-182-145-17
; Sequence 17, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-182-145-17

```

Query Match	87.1%;	Score 553.2;	DB 4;	Length 1734;
Best Local Similarity	92.8%;	Pred. No. 2.8e-138;		
Matches 592; Conservative	0;	Mismatches 43;	Indels 3;	Gaps 1

[illegible]

Db	437	GGGAGTCTCGCACCACCTGCATGCTGCGACCCAGCCAGCGCGCTGCTGTGCAGCCT	496
QY	241	GGGCGAGGCCCTGCGGCCATGGGCTGTGTCTCTTGGATGAGATGACGGTAGCTGT	300
Db	497	GGGGCAGGCCCCAGTGGCCGTGTGTGTGCTCTTGAAGAGATGACGGAGCTGT	556
QY	301	GAGTGAAATGGCCGACAGTACCTGATGAGAGAGACCTTTAAACCAATTGCAGGTCTG	360
Db	557	GAGTGAAATGGCCGACAGTACCTGATGAGGAGAGACCTTTAAACCAATTGCAGGTCTT	616
QY	361	TGCGCGTGTGATGACGGGTCTTCACTCGCTGCCGCTGTGTGCAGTGAGATGTGCGGCTG	420
Db	617	TGCGCGTGTGATGACGGGTCTTCACTCGCTGCCGCTGTGTGCAGTGAGATGTGCGGCTG	676
QY	421	CCCAGCTGGGACTGCCCCACGCCCCCAAGAAATACAGGTGCCAGGAAAGTGTGCCCCGAG	480
Db	677	CCCAGCTGGGACTGCCCCACGCCCCCAAGAAATACAGGTGCCAGGAAAGTGTGCCCCGAG	736
QY	481	TGGGTATGTGACCGAGGAGTGA---CACCGCGATCCAGCGCTCCACGCGCAAGACAC	537
Db	737	TGGGTATGTGACCGAGGAGTGA---CACCGCGATCCAGCGCTCCACGCGCAAGACAC	796
QY	538	CAACTTTCTGCCCTTGTCACTCCTGCCTCTGCTGATGCTCCTGTGCCAAATTGAGACA	597
Db	797	CAACTTTCTGCCCTTGTCACTCCTGCATCTGCCGATGCGCCCTGTCCAAACTGGAGACA	856
QY	598	GCGTGGGCCCCCTGCTCAACCACTGTGGCTGGGCAT	635
Db	857	GCGTGGGCCCCCTGCTCAACCACTGTGGGTGGGCAT	894

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RESULT 2
US-09-182-145-18/c
; Sequence 18, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-182-145-18

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	Query Match	87.1%;	Score 553.2;	DB 4;	Length 1734;	
	Best Local Similarity	92.8%;	Pred. No. 2.8e-138;			
	Matches 592;	Conservative	0;	Mismatches 43;	Indels 3;	Gaps 1;
QY	1 ATGAGGGGCAGCCCACTGATCCATTCTTGCGCACTTCCTCCTGTGACCTTCTCTCAATG	60				
Dd	1478 ATGAGGGGCACAACCACCTGATCCACTCTTCTTGCGCATTTCTTCCCTCTGCAATTCCTCAATG	1419				
QY	61 GTGTGTGCCAGCTGTGCCGGACACCCCTGTACCTGTCTTGGACACCACCCAGTGCCCA	120				

Db	1418	GTGTATTCCAGCTGTGCCCCAGCACCCCTGTGCTGTCTTGTGACACACCCCACTGCCCCA	1359
QY	121	CAGGGGTACCCCTGTGTCTGGATGAGTGGCTGTGCTGTAAAGTGTGTGACCGAGGCTG	180
Db	1358	CCGGGGGTACCCCTGTGTCTGGATGAGTGGCTGTGCTGTGAGTGTGTGACCGAGGCTG	1299
QY	181	GGGAGTCTTGGCAACCACTGCATGTCTGGCAACCCAGCCAGGGCCTGTTGTCACTT	240
Db	1298	GGGGAGTCTTGGCAACCACTGCATGTCTGGCAACCCAGCCAGGGCCTGTTGTCACTT	1239
QY	241	GGGGCAGGCCCTGGCCGCCATGGGGCTGTGTGTCTTTGGATGAGATGACGGTAGCTGT	300
Db	1238	GGGGCAGGCCCTGGCCGCCATGGGGCTGTGTGTCTTTGGATGAGATGACGGTAGCTGT	1179
QY	301	GAGGTGAATGGCCGCAAGTACTGTGATGAGAGACCTTTAAACCCAATTGCAGGGTCTG	360
Db	1178	GAGGTGAATGGCCGCAAGTACTGTGATGAGAGACCTTTAAACCCAATTGCAGGGTCTG	1119
QY	361	TGCCGCTGTGATGACGGTGGCTTCACTGTGCTGCCGTGTGCAGTGAGGATGTGCCGCTG	420
Db	1118	TGCCGCTGTGATGACGGTGGCTTCACTGTGCTGCCGTGTGCAGTGAGGATGTGCCGCTG	1055
QY	421	CCCACTGGGACTGCCCAAGCCCAAGAGAATACAGTGGCCAGAAAGTGTCTGCCCCGAG	480
Db	1058	CCCACTGGGACTGCCCAAGCCCAAGAGAATACAGTGGCCAGAAAGTGTCTGCCCCGAG	999
QY	481	TGGGTATGTGACCAAGGAGTGA---CACCGGCGATCCAGCGCTCCACGGCGCAAGACAC	537
Db	998	TGGGTATGTGACCAAGGAGTGA---CACCGGCGATCCAGCGCTCCACGGCGCAAGACAC	939
QY	538	CAACTTTCTGCCCTTGTCTACTCTTGCTCTGTCTGATGCTCTTGTCCAAATTGAGACACA	597
Db	938	CAACTTTCTGCCCTTGTCTACTCTTGCTCTGTCTGATGCTCTTGTCCAAATTGAGACACA	879
QY	598	GCTTGGGGGGCCCTGTCTCAACCACTGTGGGCTGGGCAT	635
Db	878	GCTTGGGGGGCCCTGTCTCAACCACTGTGGGCTGGGCAT	841

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RESULT 3
US-09-182-145-13
; Sequence 13, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 13
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-182-145-13

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Query Match	67.7%;	Score 430.2;	DB 4;	Length 1293;
Best Local Similarity	79.8%;	Pred. No. 1.6e-105;		

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Matches 507; Conservative 0; Mismatches 128; Indels 0; Gaps 0;
QY 1 ATGAGGGGCGAGCCCACTGATCATCTTGTGGCCACTTCTCTCTGCTGCTTCTCAATG 60
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Db 22 ATGAGAGGCACACCGAAGACCACCTCTGGCCTTCTCTCTCTCTCTCTCTCAAG 81
QY 61 GTGTGTGCCCCAGCTGTGCGGACACCCTGTACCTGTCTCTGTGACACACCAGCCAGTCCCA 120
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 82 GTGCGTACCCAGCTGTGCGGACACCATGTACCTGTGCCCCCTGACCACTCCCGATGCCCG 141
QY 121 CAGGGGGTACCCCTGTGTGTGATGGCTGTGCTGTGCTGTAAGTGTGTGACGAGGAGCTG 180
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 142 CTGGAGATACCCCTGTGTGTGATGGCTGTGCTGTGCTGCGGGTATGTGACGCGGAGCTG 201
QY 181 GGGGAGTCTTGGACCACTGTATGTGTGCGACCCCAAGGAGGAGGCTGTTGTGACCT 240
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 202 GGGGAGCCCTGCGACCACTTCACTGTGCGACCGCCAGGAGGAGGCTGTGCTGCGACCC 261
QY 241 GGGGCGAGCCCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 300
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 262 GGGGCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 321
QY 301 GAGGTGAATGCGCGCAGGTACTGTGATGAGAGAGACCTTTAAACCCAAATTGACGGTCTG 360
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 322 GAGGTGAACGCGCGCTGTATCGGAGAAAGGAGAGACCTTCCAGCCCACTGACGATCCGC 381
QY 361 TGCCGCTGTGATGACGAGTGTGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 420
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 382 TGCCGCTGTGAGAGAGCGCGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 441
QY 421 CCGAGCTGGGACTGCCCCAGCCCCAGAGAGATACAGGTGCGAGAGAAAGTGTGCCCGAG 480
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 442 CCGAGCTGGGACTGCCCCAGCCCCAGAGAGGTGCGAGGTCTGCGGCAAGTGTGCCCTGAG 501
QY 481 TGCGTATGTGACCAAGGAGTGAACACCGCGATCCAGCGCTCCACGCGGCAAGAGACCA 540
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 502 TGCGTGTGCGGCAAGAGGAGGAGTGGGAGCCAGCCCTTCCAGGCCCAAGAGACCCAG 561
QY 541 CTTTCTGCCCCCTGTCACTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 600
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 562 TTTTCTGCGCTTGTCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 621
QY 601 TGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAAT 635
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Db 622 TGGGAGCCCTGCTCGACCACTGTGGGCTGGGCAAT 656

RESULT 4
US-09-182-145-14/c
; Sequence 14, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; EARLIER FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
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; SEQ ID NO 14
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-182-145-14

Query Match      67.7%; Score 430.2; DB 4; Length 1293;
Best Local Similarity 79.8%; Pred. No. 1.6e-105;
Matches 507; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

QY 1 ATGAGGGGAGCCCACTGATTCATCTTGTGGCCACTTCTCTCTGCTGCTTCTCAATG 60
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1272 ATGAGAGGCACACCGAAGACCACCTCTGCGCTTCTCTCTCTCTCTCTCTCAAG 1213
QY 61 GTGTGTGCCCCAGCTGTGCGGACACCCTGTACCTGTCTGTGACACACCAGCCAGTCCCA 120
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1212 GTGCGTACCCAGCTGTGCGGAGACACCATGTACCTGTGCCCCCTGCGACCTCCCGATGCCCG 1153
QY 121 CAGGGGGTACCCCTGTGTGTGATGGCTGTGCTGTGCTGTAAGTGTGTGACGAGGAGCTG 180
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1152 CTGGAGATACCCCTGTGTGTGATGGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 1093
QY 181 GGGGAGTCTTGGACCACTGTATGTGTGCGACCCCAAGGAGGAGGAGGAGGAGGAGGAGG 240
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1092 GGGGAGCCCTGCGACCACTTCACTGTGCGACCGCCAGGAGGAGGAGGAGGAGGAGGAGG 1033
QY 241 GGGGCGAGCCCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 300
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1032 GGGGCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 973
QY 301 GAGGTGAATGCGCGCAGGTACTGTGATGAGAGAGACCTTTAAACCCAAATTGACGGTCTG 360
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 972 GAGGTGAACGCGCGCTGTATCGGAGAGGAGAGCTTCCAGCCCACTGACGATCCGC 913
QY 361 TGCCGCTGTGATGACGAGTGTGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 420
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 912 TGCCGCTGTGAGAGAGCGCGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 853
QY 421 CCGAGCTGGGACTGCCCCAGCCCCAGAGAGATACAGGTGCGAGAAAGTGTGCCCGAG 480
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 852 CCGAGCTGGGACTGCCCCAGCCCCAGAGAGGTGCGAGGTCTGCGCAAGTGTGCCCTGAG 793
QY 481 TGCGTATGTGACCAAGGAGTGAACACCGCGATCCAGCGCTCCACGCGGCAAGAGACCA 540
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 792 TGCGTGTGCGGCAAGAGGAGGAGTGGGAGCCAGGCCCTTCCAGGCCCAAGAGACCCAG 733
QY 541 CTTTCTGCCCCCTGTCACTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 600
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 732 TTTTCTGCGCTTGTCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 673
QY 601 TGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAAT 635
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 672 TGGGAGCCCTGCTCGACCACTGTGGGCTGGGCAAT 638

RESULT 5
US-09-182-145-38
; Sequence 38, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
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Db 610 TGGGAGACCTGCTGACCACTGTGGGCTGGGCAT 644

RESULT 7

US-09-023-655-790

Sequence 790, Application US/09023655

Patent No. 6607879

GENERAL INFORMATION:

APPLICANT: Cocks, Benjamin G.

APPLICANT: Susan G. Stuart

APPLICANT: Jeffrey J. Seilhamer

TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 1508

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 PORTER DRIVE

CITY: PALO ALTO

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/023,655

FILING DATE: HERewith

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071

REFERENCE/DOCKET NUMBER: PA-0001 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 855-0555

TELEFAX: (650) 845-4166

INFORMATION FOR SEQ ID NO: 790:

SEQUENCE CHARACTERISTICS:

LENGTH: 647 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: LUNGTUT02

CLONE: 692911

US-09-023-655-790

Query Match 35.1%; Score 222.8; DB 4; Length 647;

Best Local Similarity 78.2%; Pred. No. 2.6e-50;

Matches 280; Conservative 0; Mismatches 77; Indels 1; Gaps 1;

QY 278 TGGATGAGATGACGCTAGCTGTGAGGTGAATGCCGCGAGGTACCTGGATGAGAGACCT 337

Db 10 TGGCAGAGAGACGACGACGCTGTGAGGTGAACGCGCGCTGTATCGGAGGAGACCT 69

QY 338 TTTAAACCAATTGACGGGTCTGTGCGGCTGTGATGACGGGTTCACCTGCTGCCGC 397

Db 70 TCCAGCCCCACTGCAGATCCGCTGCCGCTGCAGGACGGCGCTTACCTGCTGCCGC 129

QY 398 TGTGCAAGTGAAGATGTGCGGCTGCCAGCTGGAGCTGCCCAAGCCCAAGAGATAACAG 457

Db 130 TGTGCAAGGAGATGTGCGGCTGCCAGCTGGAGCTGCCCAAGAGAGGTGAGG 189

QY 458 TGGCAGGAAAGTGTGCCCCGAGTGGGTATGTGACCAAGGAGTGACACCGGCGATCCAGC 517

Db 190 TCCGTGGGCAAGTGTGCCCCCTGAGTGGGTGTGCGGCAAGGAGGGGAGACTGGGA-CCAGC 248

QY 518 GCTCCACGGCGCAAGGACACCACTTTCTGCCCTGTCACTCTGCTGTGATGCTC 577

Db 249 CCCTTCCAGCCCAAGAGACCCCAAGTTTCTTGCGCTTGTCTTCCCTGCCCTGCTGTC 308

QY 578 CTTGTCCAAATTGAGACACAGCCTGGGCGCTGCTCAACCACTGTGGCTGGGCAT 635

Db 309 CCTGCCAGATGAGACAGGCGCTGGGAGACCTGCTGACCACTGTGGCTGGGCAT 366

RESULT 8

US-08-167-628-1

Sequence 1, Application US/08167628

Patent No. 5408040

GENERAL INFORMATION:

APPLICANT: Grotendorst, Gary R.

APPLICANT: Bradham Jr., Douglas M.,

TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: Spensley Horn Jupas & Lubitz

STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla

STATE: CA

COUNTRY: US

ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/167,628

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/752,427

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Wetherell, Jr. Ph.D., John W.

REGISTRATION NUMBER: 31,678

REFERENCE/DOCKET NUMBER: PD-1294

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-455-5100

TELEFAX: 619-455-5110

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 2075 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

IMMEDIATE SOURCE:

CLONE: DB60R32

FEATURE:

NAME/KEY: CDS

LOCATION: 130..1177

US-08-167-628-1

Query Match 20.1%; Score 127.6; DB 1; Length 2075;

Best Local Similarity 55.0%; Pred. No. 8.8e-25;

Matches 297; Conservative 0; Mismatches 234; Indels 9; Gaps 2;

QY 102 GACACCAACCCAGTGGCCCAACAGGGGGTACCCTGTGCTGATGCTGTGCTGTAA 161

Db 243 GCCGGCGCGCTGCGCGCGCGCGCGGTAGCTTCTGTGACGGCTGCGCTGCCG 302

QY 162 AGTGTGACGAGAGCTGGGGAGTCTGCGACCACTGCATGTCTGCAACCCAGCA 221

Db 303 CGTGTGCGCAAGAGAGCTGGGCGAGCTGTGACCTGAGCGGACCCCTGCGACAA 362

QY 222 GGGCTGTGTTGACGCTGGGCGAGGCGCTGGGCGGACCATGGGCTGTGTCTTGA 281

Db 363 GGGCTCTTCTGTGACTTGGCTCCCGGCAACCGCAAGATGGGCTGTG---CACCGC 419

QY	282	TGAGGATGACGGTAGCTGTGAGGTGAATGAGCCGACAGTACCTGGATGGAGAGCTTTAA	341
Db	420	CAAGATGCTGCTCCCTGCATCTTCGGTGGTAACGGTGTACCGCAGCGGAGAGTCTTCCA	479
QY	342	ACCCAAATTGCAGGGTCTCTGTGCCGCTGTGATGACGGTGGCTTACCTGCTGCCCTGTG	401
Db	480	GAGCAGCTGCAAGTACCAAGTGACCGTGCCTGGACGGGCGGTGGGCTGCATGCCCTGTG	539
QY	402	CAGTGAGGATGTGCGGCTGCCCAGCTGGGACTGCCACGCCCCCAAGAGAAATACAGGTGCC	461
Db	540	CAGCATGAGACGTTCGTCTGCCCCAGCCCTGACTGCCCTTCCCGAGGAGGGTCAAAGCTGCC	599
QY	462	AGGAAAGTGTGCCCCGAGTGGGTATGTGACCAAGGAGTGACACCGGCGATCCAGCGCTC	521
Db	600	CGGGAATGTGCGAGGAGTGGGTGTGTGACGAGCCCAAGGACCAAAACGTGTTGGGCC	659
QY	522	CACGGCGCAAGACACCAACTTTCTGCCCTGTCACTCTGCGCTCTGC-----TGATGC	575
Db	660	TGCCCTCGCGGCTTACCGACTGGAAGACACGTTTGGCCCGAGACCCAACTATGATTAGAGC	719
QY	576	TCCTTGTCCAAATTGGAGCACAGCCTGGGGCCCTGTCAACCACTGTGGGCTGGGCAT	635
Db	720	CAACTGCCTGGTCCAGACCAAGAGTGGAGCGCCTGTTCGAAGACCTGTGGGATGGGCAT	779

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RESULT 9
US-08-386-680-1
; Sequence 1, Application US/08386680
; Patent No. 5585270
; GENERAL INFORMATION:
; APPLICANT: Grotendorst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.,
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/386,680
; FILING DATE: 10-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/167,628
; FILING DATE:
; APPLICATION NUMBER: US/07/752,427
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr. Ph.D., John W.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-1294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: DB60R32
; FEATURE:
; NAME/KEY: CDS
;

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;      LOCATION: 130..1177
US-08-386-680-1

Query Match      20.1%;  Score 127.6;  DB 1;  Length 2075;
Best Local Similarity 55.0%;  Pred. No. 8.8e-25;
Matches 297;  Conservative 0;  Mismatches 234;  Indels 9;  Gaps 2;

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QY	102	GACACCACCCCAAGTGGCCACAGGGGGGTACCCCTGGTGTGGATGGCTGTGGCTGTAA	161
Db	243	GCCGGCGCCGCTGGCCCCGCGGGCGGTGAGCCTCGTGTGACGGCTGGCGCTGCTGCCG	302
QY	162	AGTGTGTGACCGAGAGGCTGGGGAGTCTCTGGCAACCTGCATGTCTGACCCCAGCCA	221
Db	303	CGTCTGCGCCAAAGCAGCTGGGCGAGCTGTGACCCGAGCGGACCCCTGGACCCGCACAA	362
QY	222	GGGCGTGTGTGTACGCTTGGGGCAAGCCCTGGCGGCCATGGGGCTGTGTCTCTTGA	281
Db	363	GGGCGCTTCTGTGTACTTCGGCTCCCCGGCCAAACCGAAGATCGGCGTGTG---CACCGC	419
QY	282	TGAGGATGACCGTAGCTGTGAGGTGAATGGCCGCGAGTACCTTGATGACAGACCTTAA	341
Db	420	CAAAAGATGTGCTCCCTGCATCTTCGGTGTACGGTGTACCGACGCGAGAGTCTTCCA	479
QY	342	ACCCAATTGCAGGGTCTGTGCGCGCTGTGATGACGGGTGGCTTCACCTGCTGCGCTGTG	401
Db	480	GAGCAGCTGCAAGTACCAGTGCACGTGCTGGAACGGGGCGGTGGCTGCATGCCCCCTGTG	539
QY	402	CAGTGAAGATGTGCGGCTGCGCCAGCTGGGACTGCCCCACGCCCCCAAGAGATACAGGTGCC	461
Db	540	CAGCATGACGTTCTGTGTCGCCAAGCCCTGACTGCCCTTCCCGAGGAGGTCAAGCTGCC	599
QY	462	AGGAAAGTGTGCCCCGAGTGGGTATGTGACCAGGAGTGAACCGGCGATCCAGCGCTC	521
Db	600	CGGGAATGTGTGCGAGGAGTGGGTGTGTGACGAGCCCAAGGACCAACCGTGTGGGCC	659
QY	522	CACGGCGCAAGACACCAACTTCTGCCTTGTCACTCCGTGCTGC-----TGATGC	575
Db	660	TGCCCTCGCGGCTTACCGACTGGAAGACAGTTTGGCCAGACCCAACTATGATTAGAGC	719
QY	576	TCCTTGTCCAATTGAGACACAGCTGGGGCCCTGCTCAACCACTGTGGCTGGGCAT	635
Db	720	CAACTGCTGTGTCCAGACCAAGATGGAAGCGCTGTTCAAAGACCTGTGGATTGGGCAT	779

RESULT 10
US-08-459-717-1
Sequence 1, Application US/08459717
Patent No. 5770209
GENERAL INFORMATION:
APPLICANT: Grotendorst, Gary R.
APPLICANT: Bradham Jr., Douglas M.,
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,717
FILING DATE: 02-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/752,427
FILING DATE: 30-AUG-1991
ATTORNEY/AGENT INFORMATION:

NAME: Wetherell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-08-459-717-1

Query Match 20.1%; Score 127.6; DB 1; Length 2075;
Best Local Similarity 55.0%; Pred. No. 8.8e-25;
Matches 297; Conservative 0; Mismatches 234; Indels 9; Gaps 2;

QY 102 GACACCACCCAGTGGCCACAGGGGCTGCTGTGATGCTGTGCTGTAA 161
DB 243 GCCGGCGCGCGCTGCCGCGCGCTGAGCTCTGTGACGGCTGCGCTGCCG 302
QY 162 AGTGTGACGAGGCTGGGGAGTCTGCGACCACTGATGTGCGACCCAGCCA 221
DB 303 CGTCTGCCCAAGACAGCTGGGGAGCTGTGCAAGCGGACCCCTGCGACACA 362
QY 222 GGGCCTGTTGTACAGCTGGGGAGGCGCCCTGCGCCATGGGGCTGTCTTGA 281
DB 363 GGGCCTTCTGTGACTTGGCTCCCGGCAACCGCAAGATCGGCTGTG--CACCGC 419
QY 282 TGAGATGACGCTAGCTGTGAGGTGAATGGCGGCAAGTACCTGATGAGAGACCTTAA 341
DB 420 CAAGATGTGCTCCCTGCATCTTGGGTGACGGGTACCGCAGGAGAGTCTTCCA 479
QY 342 ACCCAATTGACGGTCTGTGCGCTGTGATGACGGTGGCTTCACTGCTGCCGTGTG 401
DB 480 GAGCAGCTGCAAGTACAGTGCAGTGCAGGCGGGCGGTGGCTGCATGCCCTGTG 539
QY 402 CAGTGAGATGTGCGGCTGCCAGCTGGGATGCCACGCCCCAGAGAATAAGGTGCC 461
DB 540 CAGCATGACGTTGCTGTGCCAGCCCTGACCTGCCGAGAGGGTCAAGCTGCC 599
QY 462 AGGAAGTGTGCTGCGGCTGGGTATGTGACAGGAGTGAACCGGGGATCCAGCGCTC 521
DB 600 CGGAAATGCTGCGAGAGAGTGGGTGTGTGACAGCCCAAGAACCGGTGGTGGCC 659
QY 522 CACGGCGCAAGACCAACTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 575
DB 660 TGCCCTGCGGCTTACCGACTGGAAGACAGCTTGGCCAGACCCCACTATGATTAGAGC 719
QY 576 TCCTGTCCAAATTGAGCAGACAGCTGGGGCGCTGCTCAACCACTGTGGGCTGGGCA 635
DB 720 CAAGTGTGCTGCTGCGAGACCAAGAGTGAAGGCTGTCCAAAGACTGTGGGATGGGCA 779

RESULT 11
US-08-712-302-1
Sequence 1, Application US/08712302

Patent No. 5783187
GENERAL INFORMATION:
APPLICANT: Grotendorst, Gary R.
APPLICANT: Bradham Jr., Douglas M.
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/712,302
FILING DATE: 11-SEP-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/386,680
FILING DATE: 10-FEB-1995
APPLICATION NUMBER: US/08/167,628
FILING DATE:
APPLICATION NUMBER: US/07/752,427
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-08-712-302-1

Query Match 20.1%; Score 127.6; DB 1; Length 2075;
Best Local Similarity 55.0%; Pred. No. 8.8e-25;
Matches 297; Conservative 0; Mismatches 234; Indels 9; Gaps 2;

QY 102 GACACCACCCAGTGGCCACAGGGGTAACCCCTGCTGTGATGCTGTGCTGTAA 161
DB 243 GCCGGCGCGCGCTGCCGCGCGCTGAGCTCTGTGACGGCTGCGGCTGCCG 302
QY 162 AGTGTGACGAGGCTGGGGAGTCTTGCAGCACTGCACTGTGCGAACCCAGCCA 221
DB 303 CGTCTGCCCAAGACAGCTGGGGAGCTGTGCAAGCGGACCCCTGCGACACAA 362
QY 222 GGGCCTGTTGTACAGCTGGGGAGGCGCCCTGCGGCCATGGGGCTGTGTCTTGA 281
DB 363 GGGCCTTCTGTGACTTGGCTCCCGGCAACCGCAAGATCGGCTGTG--CACCGC 419
QY 282 TGAGATGACGCTAGCTGTGAGGTGAATGGCGGCAAGTACCTGATGAGAGACCTTAA 341
DB 420 CAAGATGTGCTCCCTGCATCTTGGGTGACGGGTACCGGAGCGGAGATCTTCCA 479
QY 342 ACCCAATTGACGGTCTGTGCGCTGTGATGACGGTGGCTTCACTGCTGCCGTGTG 401
DB 480 GAGCAGCTGCAAGTACAGTGCAGTGCAGGCGGGCGGTGGCTGCATGCCCTGTG 539
QY 402 CAGTGAGATGTGCGGCTGCCAGCTGGGATGCCACGCCCCAGAGAATAAGGTGCC 461
DB 540 CAGCATGACGTTGCTGTGCCAGCCCTGACTGCCCTTCCCGAGAGGGTCAAGCTGCC 599
QY 462 AGGAAGTGTGCTGCGGCTGGGTATGTGACAGGAGTGAACCGGGGATCCAGCGCTC 521
DB 600 CGGAAATGCTGCGAGAGTGGGTGTGTGACGAGCCCAAGACCAACCGGTGTGGCC 659

[illegible]

RESULT 12

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US-08-880-031-1
: Sequence 1, Application US/08880031
: Patent No. 5916756
: GENERAL INFORMATION:
: APPLICANT: Grotendoret, Gary R.
: APPLICANT: Bradham Jr., Douglas M.,
: TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FAC
: NUMBER OF SEQUENCES: 2
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Spensley Horn Jubas & Lubitz
: STREET: 4225 Executive Square, Suite 1400
: CITY: La Jolla
: STATE: CA
: COUNTRY: US
: ZIP: 92037
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/880,031
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/08/167,628
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Wetherell, Jr. Ph.D., John W.
: REGISTRATION NUMBER: 31,678
: REFERENCE/DOCKET NUMBER: PD-1294
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 619-455-5100
: TELEFAX: 619-455-5110
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 2075 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: IMMEDIATE SOURCE:
: CLONE: DB60R32
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 130..1177
US-08-880-031-1

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Query Match	20.1%;	Score 127.6;	DB 2,	Length 2075;
Best Local Similarity	55.0%;	Pred. No. 8.8e-25;		
Matches 297;	Conservative 0;	Mismatches 234;	Indels 9;	Gaps 22;
QY	102	GACACCAACCCCAAGTGC	CCCAAGGGGCTAACCCCTG	TGCTGAATGGCTGTGCTGTAA 161
Db	243	GCCGGCGCCGCGCTG	CCCCGGGGGGGTGAGCCT	GTGTGACGCGCTGCGGCTGCGCG 302
QY	162	AGTGTGTGCACGAGAG	CTGGGGAGTCTTCGCGAC	CAACCTGCATGTTCGCAACCCCAAGCCA 221
Db	303	CGTCTGCACCAAGCAG	CTGGGCGGAGTGTGAC	ACCGAGCGGCAACCCCTGCGAACCCGCACAA 362
QY	222	GGGCGCTGTGTGTG	CAGCCTGGGGCAGGCCCT	TGGCGGCCATGGGGGCTGTGTCTCTTGA 281
Db	363	GGGCGCTTCTGTGTG	ACTTCGGGCTTCCCCGCC	CAACCGCAGATCGGCGTGTG---CACCGC 419

[illegible]

RESULT 13

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US-09-037-179-1
: Sequence 1, Application US/09097179
: Patent No. 6149916
: GENERAL INFORMATION:
: APPLICANT: Grotendorst, Gary R.
: APPLICANT: Bradham Jr., Douglas M.,
: TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
: NUMBER OF SEQUENCES: 2
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Spensley Horn Jubas & Lubitz
: STREET: 4225 Executive Square, Suite 1400
: CITY: La Jolla
: STATE: CA
: COUNTRY: US
: ZIP: 92037
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/097,179
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/386,680
: FILING DATE: 10-FEB-1995
: APPLICATION NUMBER: US/08/167,628
: FILING DATE:
: APPLICATION NUMBER: US/07/752,427
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Wetherell, Jr. Ph.D., John W.
: REGISTRATION NUMBER: 31,678
: REFERENCE/DOCKET NUMBER: PD-1294
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 619-455-5100
: TELEFAX: 619-455-5110
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 2075 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: IMMEDIATE SOURCE:

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NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/142,569
FILING DATE: 02-Apr-1999
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28758/33766
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: "CTGF cDNA coding sequence"
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-142-569-7

Query Match 20.1%; Score 127.6; DB 4; Length 2075;
Best Local Similarity 55.0%; Pred. No. 8.8e-25;
Matches 297; Conservative 0; Mismatches 234; Indels 9; Gaps 2;

QY 102 GACACCAACCCAGTGCACAGGGGGTACCCTGTGCTGGATGGCTGTGCTGTAA 161
Db 243 GCCGGCGCCCGCGCTGCCCGGGCGGTGAGCCTCGTGTGACGGCTGCGCTGCGCG 302
QY 162 AGTGTGACAGGAGGCTGGGGAGTCTCGGACCACTGCTGTGACCCCGACCA 221
Db 303 CGTCTGGCCCAAGCAGCTGGGCGAGCTGTGACCGGAGCGGACCCCTGCGACCCGCA 362
QY 222 GGGCTGTTGTGACGCTGGGGGAGGCCCTGGCGGCCCATGGGGCTGTGTCTTTGA 281
Db 363 GGGCTTCTGTGACTTGGCTCCCGGCCAACCAGATGGCGGTG--CACCGC 419
QY 282 TGAGGATGACGGTAGCTGTGAGTGAATGGCCGAGTACTGATGAGAGACCTTTAA 341
Db 420 CAAAGATGTGCTCCCTGCATCTTGGTGTGACGTTGTACCGAGCGAGAGTCTTCCA 479
QY 342 ACCCAATTGACGGGTCTGTGCGGCTGTGATGACGATGGCTTCACTGCGCTGTG 401
Db 480 GAGCAGCTGCAAGTACCAAGTGCACGTGCTTGAACGGGCGGTGGCTGCATGCCCTGTG 539
QY 402 CAGTGAAGATGTCGGGCTGCCAGCTGGGACTGCCACGCCCAAGAGATACAGGTGC 461
Db 540 CAGCATGGACGTTGCTGCTCCCAAGCTGACTGCCCTTCCGAGGAGGGTCAAGCTGCC 599
QY 462 AGGAAAGTGTGCCCCGAGTGGGTATGTGACCAAGGAGTGACACCGCGATCCAGGCTC 521
Db 600 CGGAAATGCTGCGAGGAGTGGGTGTGTGACGAGCCCAAGACCAACCGTGTGGGCC 659
QY 522 CACGGCGCAAGGACCAACCTTTCTGCCCTTGTCACTCCTGCTCTGC-----TGATGC 575
Db 660 TGCCCTCGCGGCTTACCGACTGGAAGACAGCTTTGGCCAGACCCCACTATGATTAGAGC 719

QY 576 TCCTTGCCAAATTGAGACACAGCCTGGGGCCCCCTGCTCAACCACTGTGGCTGGCAT 635
Db 720 CAACTGCTGTGCTCCAGACCAAGAGTGGAGCGCCTGTTCAGAGCTGTGGATGGCAT 779
Search completed: May 9, 2004, 06:32:37
Job time : 55.0441 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 05:00:41 ; Search time 282.035 Seconds
(without alignments)
10199.232 Million cell updates/sec

Title: US-10-010-408-3_COPY_1_635

Perfect score: 635
Sequence: 1 ATGAGGGGCAGCCCACTGAT.....ACCACCTGTGGCTGGGCAT 635

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2941586 segs, 2264995651 residues

Total number of hits satisfying chosen parameters: 5883172

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications NA:*

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
- 13: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
- 14: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
- 17: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
- 18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
- 19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	635	100.0	753	14 US-10-010-408-3	Sequence 3, Appl1
2	635	100.0	1708	14 US-10-010-408-1	Sequence 1, Appl1
3	566	89.1	681	15 US-10-010-408-12	Sequence 12, Appl1
4	553.2	87.1	1734	15 US-10-112-267-17	Sequence 17, Appl1
5	553.2	87.1	1734	15 US-10-112-267-18	Sequence 18, Appl1
6	430.2	67.7	1266	13 US-10-147-493-319	Sequence 319, App
7	430.2	67.7	1266	13 US-10-145-127-319	Sequence 319, App
8	430.2	67.7	1266	13 US-10-160-503-319	Sequence 319, App
9	430.2	67.7	1266	13 US-10-143-118-319	Sequence 319, App
10	430.2	67.7	1266	13 US-10-144-993-319	Sequence 319, App
11	430.2	67.7	1266	13 US-10-158-787-319	Sequence 319, App
12	430.2	67.7	1266	13 US-10-140-024-319	Sequence 319, App
13	430.2	67.7	1266	13 US-10-140-808-319	Sequence 319, App
14	430.2	67.7	1266	13 US-10-152-405-319	Sequence 319, App

15	430.2	67.7	1266	13 US-10-127-852A-319	Sequence 319, App
16	430.2	67.7	1266	13 US-10-127-900A-319	Sequence 319, App
17	430.2	67.7	1266	13 US-10-128-685A-319	Sequence 319, App
18	430.2	67.7	1266	13 US-10-131-820A-319	Sequence 319, App
19	430.2	67.7	1266	13 US-10-142-886-319	Sequence 319, App
20	430.2	67.7	1266	13 US-10-146-728-319	Sequence 319, App
21	430.2	67.7	1266	13 US-10-146-786-319	Sequence 319, App
22	430.2	67.7	1266	13 US-10-147-499-319	Sequence 319, App
23	430.2	67.7	1266	13 US-10-157-798-319	Sequence 319, App
24	430.2	67.7	1266	15 US-10-028-072-319	Sequence 319, App
25	430.2	67.7	1266	15 US-10-121-049-319	Sequence 319, App
26	430.2	67.7	1266	15 US-10-123-904-319	Sequence 319, App
27	430.2	67.7	1266	15 US-10-140-470-319	Sequence 319, App
28	430.2	67.7	1266	15 US-10-175-746-319	Sequence 319, App
29	430.2	67.7	1266	15 US-10-176-918-319	Sequence 319, App
30	430.2	67.7	1266	15 US-10-176-921-319	Sequence 319, App
31	430.2	67.7	1266	15 US-10-137-865-319	Sequence 319, App
32	430.2	67.7	1266	15 US-10-140-474-319	Sequence 319, App
33	430.2	67.7	1266	15 US-10-142-431-319	Sequence 319, App
34	430.2	67.7	1266	15 US-10-143-114-319	Sequence 319, App
35	430.2	67.7	1266	15 US-10-140-002-319	Sequence 319, App
36	430.2	67.7	1266	15 US-10-142-419-319	Sequence 319, App
37	430.2	67.7	1266	15 US-10-123-262-319	Sequence 319, App
38	430.2	67.7	1266	15 US-10-142-423-319	Sequence 319, App
39	430.2	67.7	1266	15 US-10-121-050-319	Sequence 319, App
40	430.2	67.7	1266	15 US-10-141-755-319	Sequence 319, App
41	430.2	67.7	1266	15 US-10-143-032-319	Sequence 319, App
42	430.2	67.7	1266	15 US-10-123-108-319	Sequence 319, App
43	430.2	67.7	1266	15 US-10-123-236-319	Sequence 319, App
44	430.2	67.7	1266	15 US-10-123-261-319	Sequence 319, App
45	430.2	67.7	1266	15 US-10-140-921-319	Sequence 319, App

ALIGNMENTS

RESULT 1
US-10-010-408-3
Sequence 3, Application US/10010408
Publication No. US20020165185A1

GENERAL INFORMATION:
APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced C6N-Like Molecules and Uses Therefor

NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

Db 669 CCCAGCTGGGACTGCCCCACGCCCAAGAAATACAGGTGCCAGGAAAGTGCTGCCCCGAG 728
QY 481 TGGGTATGTACCAAGGAGTGAACACCGCGGATCCAGCGCTCCAGCGCGCAAGACACCAA 540
Db 729 TGGGTATGTACCAAGGAGTGAACACCGCGGATCCAGCGCTCCAGCGCGCAAGACACCAA 788
QY 541 CTTTCTGCCCTTGTCACTCCTGCTGCTGATGCTCCTTGTCCAAATTGAGACACAGCC 600
Db 789 CTTTCTGCCCTTGTCACTCCTGCTGCTGATGCTCCTTGTCCAAATTGAGACACAGCC 848
QY 601 TGGGGCCCTGTCTAACCAACCTGTGGGCTGGGCAT 635
Db 849 TGGGGCCCTGTCTAACCAACCTGTGGGCTGGGCAT 883

RESULT 3

US-10-010-408-12
; Sequence 12, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellet, Jr.
; TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules
; and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 681 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..681
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-010-408-12

Query Match 89.1%; Score 566; DB 14; Length 681;
Best Local Similarity 100.0%; Pred. No. 9.9e-161;
Matches 566; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 70 CAGCTGTGCCGACACCCCTGTACTGTCTTGGACACCAACCCCAAGTGCACACAGGGGGTA 129
Db 1 CAGCTGTGCCGACACCCCTGTACTGTCTTGGACACCAACCCCAAGTGCACACAGGGGGTA 60

QY 130 CCCCTGTGCTGTGATGGCTGTGGCTGCTGTAAAGTGTGTGACGGAGGCTGGGGAGTCC 189
Db 61 CCCCTGTGCTGTGATGGCTGTGGCTGCTGTAAAGTGTGTGACGGAGGCTGGGGAGTCC 120
QY 190 TGGCAACACCTGCATGTCTGCGACCCACGACAGGCTGGTTGTACGCTGGGCGAGGC 249
Db 121 TGGCAACACCTGCATGTCTGCGACCCACGACAGGCTGGTTGTACGCTGGGCGAGGC 180
QY 250 CCTGGCGGCATGGGCTGTGTCTCTTGGATGAGATGACGATGCTGTGAGTGAAT 309
Db 181 CCTGGCGGCATGGGCTGTGTCTCTTGGATGAGATGACGATGCTGTGAGTGAAT 240
QY 310 GGCCGACAGTACCTGATGAGAGACCTTTAAACCCAATTGACAGGCTCCTGTGCCGTGT 369
Db 241 GGCCGACAGTACCTGATGAGAGACCTTTAAACCCAATTGACAGGCTCCTGTGCCGTGT 300
QY 370 GATGACGGTGGCTTCACTTGCCTGCGCTGTGCACTGAGATGTGCGGCTGCCAGCTGG 429
Db 301 GATGACGGTGGCTTCACTTGCCTGCGCTGTGCACTGAGATGTGCGGCTGCCAGCTGG 360
QY 430 GACTGCCCAACGCCCCAAGAGATACAGGTGCCAGGAAGTGTGCCCCAGTGGTATGT 489
Db 361 GACTGCCCAACGCCCCAAGAGATACAGGTGCCAGGAAGTGTGCCCCAGTGGTATGT 420
QY 490 GACCAGGAGTGAACACCGCGATCCAGCGCTCCACGCGCGAAGACACCACTTCTGCG 549
Db 421 GACCAGGAGTGAACACCGCGATCCAGCGCTCCACGCGCGAAGACACCACTTCTGCG 480
QY 550 CTTGTCACTCCTGCTGCTGTGATGCTCCTTGTCCAAATTGAGACACAGCCTGGGGCCCC 609
Db 481 CTTGTCACTCCTGCTGCTGTGATGCTCCTTGTCCAAATTGAGACACAGCCTGGGGCCCC 540
QY 610 TGCTCAACCACTGTGGGCTGGGCAT 635
Db 541 TGCTCAACCACTGTGGGCTGGGCAT 566

RESULT 4

US-10-112-267-17
; Sequence 17, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-17

Query Match 87.1%; Score 553.2; DB 15; Length 1734;
Best Local Similarity 92.8%; Pred. No. 8.5e-157;

Db 250 GGGGAGACCCGGTGGCCGGGGGCCCTGTGCTCTTGGCAGAGGACGACAGCAGCTGT 309
QY 301 GAGGTGAATGGCCCGCAGGTACCTGATGAGAGACCTTTAAACCAATTGCAGGCTCTG 360
Db 310 GAGGTGAACGGCCCGCTGTATCGGGAAGGGAGACCTTCCAGCCCCACTGCAGCATCCGC 369
QY 361 TGCCGCTGTGATGACGGGTGCTTCACTGCTGCCGTGTGAGTGAGGATGTGGGCTG 420
Db 370 TGCCGCTGTGAGGACGGCGGCTTCACTGCTGCTGCGGTGAGGATGTGGGCTG 429
QY 421 CCCAGCTGGGACTGCCACGCCCCAAGAAATACAGGTGCCAGAAAGTGTGCCCGAG 480
Db 430 CCCAGCTGGGACTGCCACGCCCCAAGAGGGTGAAGTCTGGGCAAGTGTGCCCTGAG 489
QY 481 TGGGTATGTACAGGAGTGAACCGCGATCCAGCGCTCCAGCGCGCAAGACACCAA 540
Db 490 TGGGTGTGGGCGCAAGAGGGGACTGGGGAACCCGCTCCAGCCCAAGAACCCGAG 549
QY 541 CTTTCTGCCCTTGTCACTCCTGCTGTGATGCTCCTTGTCCAATTGAGACAGCC 600
Db 550 TTTTCTGGCCTTGTCTCTCTCCCTGCCCCCTGTGTCTCCCTGCCAGAAATGAGACGGCC 609
QY 601 TGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAT 635
Db 610 TGGGAGCCCTGCTCGACCACTGTGGGCTGGGCAT 644

RESULT 10

US-10-144-993-319

; Sequence 319, Application US/10144993
; Publication No. US20040038336A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C261
; CURRENT APPLICATION NUMBER: US/10/144,993
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-144-993-319

Query Match 67.7%; Score 430.2; DB 13; Length 1266;
Best Local Similarity 79.8%; Pred. No. 1.le-119;
Matches 507; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

QY 1 ATGAGGGGAGCCCACTGATCCATCTTGGCCACTTCTCTCTGCTCTCTCAATG 60
Db 10 ATGAGAGGACACCGAAGACCCACCTCTGCTCTCTCTCTCTCTCTCTCAAG 69
QY 61 GTGTGTGCCAGCTGTGCGGAGACACCTGTACTGTCTTGGACACACCCAGTGCCCA 120
Db 70 GTGCGTACCAGCTGTGCGCGAGACACATGTACTGCCCTTGCCCACTCCCGATGCCCG 129

QY 121 CAGGGGTACCCCTGTGTGATGAGTGTGCTGTGCTGTAAAGTGTGCACGAGGCTG 180
Db 130 CTGGAGTACCCCTGTGTGATGAGTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 189
QY 181 GGGAGTCTTGCAGCACCTGATGTCTGCAACCCAGCGGCTGTGTGTGACCT 240
Db 190 GGGAGCCCTGCGACCACTCAAGTCTGCGACGCGCAGCGGCTGTGTGCGAGCC 249
QY 241 GGGGAGCCCTGCGCGCAATGGGGCTGTGTGTCTTGAATGAGGATGACGTAAGT 300
Db 250 GGGGAGGACCCGCTGTGCGCGGCGGCGGCTGTGTGTCTTGGAGAGAGACGACAGCTGT 309
QY 301 GAGGTGAATGGCGGAGTACTGTGATGAGAGACCTTTAAACCAATTGCAGGCTCTG 360
Db 310 GAGGTGAACGGCCGCTGTATGAGGAAAGGAGACCTTCCAGCTCCACTGCAGCATCCGC 369
QY 361 TGCCGCTGTGATGACGGGTGCTTCACTGCTGCCGTGTGTGAGTGAAGTGTGCGGCTG 420
Db 370 TGCCGCTGTGAGGACGGCGGCTTCACTGCTGCGGCTGTGTGAGGATGTGCGGCTG 429
QY 421 CCCAGCTGGGACTGCCACGCCCCAAGAAATACAGGTGCCAGGAGAAAGTGTGCCCGAG 480
Db 430 CCCAGCTGGGACTGCCACGCCCCAAGAGGGTGAAGTCTGGGCAAGTGTGCCCTGAG 489
QY 481 TGGGTATGTACAGGAGTGAACCGCGATCCAGCGCTCCAGCGCGCAAGACACCAA 540
Db 490 TGGGTGTGGGCGCAAGAGGGGACTGGGGAACCCGCTCCAGCCCAAGAACCCGAG 549
QY 541 CTTTCTGCCCTTGTCACTCCTGCTGTGATGCTCCTTGTCCAATTGAGACACAGCC 600
Db 550 TTTTCTGGCCTTGTCTCTCTCCCTGCCCCCTGTGTCTCCCTGCCAGAAATGAGACGGCC 609
QY 601 TGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAT 635
Db 610 TGGGAGCCCTGCTCGACCACTGTGGGCTGGGCAT 644

RESULT 11

US-10-158-787-319

; Sequence 319, Application US/10158787
; Publication No. US20040039164A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C449
; CURRENT APPLICATION NUMBER: US/10/158,787
; CURRENT FILING DATE: 2003-04-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17


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/ PRIOR APPLICATION NUMBER: 60/059117
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059122
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059184
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059263
/ PRIOR FILING DATE: 1997-09-18
/ PRIOR APPLICATION NUMBER: 60/059352
/ PRIOR FILING DATE: 1997-09-19
/ PRIOR APPLICATION NUMBER: 60/059588
/ PRIOR FILING DATE: 1997-09-19
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 319
/ LENGTH: 1266
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-10-158-787-319
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Query Match 67.7%; Score 430.2; DB 13; Length 1266;

Best Local Similarity 79.8%; Pred. No. 1.1e-119;

Matches 507; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

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QY 1 ATGAGGGGAGCCCACTGATCCATCTTCTGGCCACTTCTCTCTCTCTCTCAATG 60
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Db 10 ATGAGAGGCACACCGAAGACCACCTCTGCGCTTCTCTCTCTCTCTCTCAAG 69
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QY 61 GTGTGTGCCAGCTGTGCGGAGACCTGTACTGTCTGTGAACACCAACCCCAAGCCCA 120
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 70 GTGCGTACCCAGCTGTGCGGAGACCATGTACTGTGCGGAGCCCACTCTCTCTCTCT 129
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 121 CAGGGGTAACCCCTGTGTGCTGATGCTGTGGCTGTCTGTAAGTGTGTGACAGGAGCTG 180
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 130 CTGGGAGTACCCCTGTGTGCTGATGCTGTGGCTGTGCTGCGGATATGTGACAGGAGCTG 189
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 181 GGGGAGTCTTGCGACCACTGTCTGTGCGACCCCAAGCCCAAGGCTGTTCAGCCT 240
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 190 GGGGAGCCCTGCGACCACTGTCTGTGCGACCCCAAGGCTGTTCAGCCTGT 249
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 241 GGGGAGCCCTGCGGAGCCATGGGCTGTGTCTCTGTGATGAGATGAGGATGCGGCTGT 300
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Db 250 GGGGAGGACCCGCTGTATCGGGAAGGAGACCTTCCAGCCCACTGCAATCCGC 309
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QY 301 GAGGTGAATGCGCGAGTACTGTGATGAGAGACCTTAAACCAATTGCAAGGCTGTG 360
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Db 310 GAGGTGAACGCGCGCTGTATCGGGAAGGAGACCTTCCAGCCCACTGCAATCCGC 369
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 361 TGCCGCTGTATGACGCTGTGCTTCACTGCTGCGCTGTGCAAGTGAAGTGAAGTGAAGTGA 420
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 370 TGCCGCTGTGCGAGACGCGGCTTCACTGCTGCGCTGTGCAAGTGAAGTGAAGTGAAGTGA 429
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 421 CCCAGCTGGGACTGCCCCAGCCCAAGAGATACAGGTGCGAGAAAGTGTGCGGCTGTG 480
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 430 CCCAGCTGGGACTGCCCCAGCCCAAGAGGTGAGGTGCGGCAAGTGTGCGGCTGTGAG 489
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QY 481 TGGGTATGTGACCAAGGAGTGAACCGGCGGATCCAGCGCTTCCAGCGGCAAGAGACCA 540
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Db 490 TGGGTATGTGCGGCAAGGAGTGAAGGAGTGAAGGAGTGAAGGAGTGAAGTGAAGTGAAGTGA 549
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 541 CTTTCTGCGCTGTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 600
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Db 550 TTTTCTGCGCTGTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 609
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QY 601 TGGGCGCCCTGTCAACCACTGTGGGCTGGGCAAT 635
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Db 610 TGGGCACTGTCTGACCACTGTGGGCTGGGCAAT 644
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RESULT 12

US-10-140-024-319

; Sequence 319, Application US/10140024

; Publication No. US20040058424A1

GENERAL INFORMATION:

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/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: DeForge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C69
/ CURRENT FILING DATE: 2002-05-06
/ Prior Application removed - See Palm or File Wrapper
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 319
/ LENGTH: 1266
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-10-140-024-319
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Query Match 67.7%; Score 430.2; DB 13; Length 1266;

Best Local Similarity 79.8%; Pred. No. 1.1e-119;

Matches 507; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

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QY 1 ATGAGGGGAGCCCACTGATCCATCTTCTGGCCACTTCTCTCTCTCTCTCAATG 60
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 10 ATGAGAGGCACACCGAAGACCACCTCTGCGCTTCTCTCTCTCTCTCTCAAG 69
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 61 GTGTGTGCCAGCTGTGCGGAGACCTGTACTGTCTGTGAACACCAACCCCAAGCCCA 120
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 70 GTGCGTACCCAGCTGTGCGGAGACCATGTACTGTGCGGAGCCCACTCTCTCTCTCT 129
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QY 121 CAGGGGTAACCCCTGTGTGCTGATGCTGTGGCTGTCTGTAAGTGTGTGACAGGAGCTG 180
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
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QY 181 GGGGAGTCTTGCGACCACTGTCTGTGCGACCCCAAGCCCAAGGCTGTTCAGCCT 240
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 190 GGGGAGCCCTGCGACCACTGTCTGTGCGACCCCAAGGCTGTTCAGCCTGT 249
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 241 GGGGAGCCCTGCGGAGCCATGGGCTGTGTCTCTGTGATGAGATGAGGATGCGGCTGT 300
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 250 GGGGAGGACCCGCTGTATCGGGAAGGAGACCTTCCAGCCCACTGCAATCCGC 309
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 301 GAGGTGAATGCGCGAGTACTGTGATGAGAGACCTTAAACCAATTGCAAGGCTGTG 360
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 310 GAGGTGAACGCGCGCTGTATCGGGAAGGAGACCTTCCAGCCCACTGCAATCCGC 369
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 361 TGCCGCTGTATGACGCTGTGCTTCACTGCTGCGCTGTGCAAGTGAAGTGAAGTGAAGTGA 420
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Db 370 TGCCGCTGTGCGAGACGCGGCTTCACTGCTGCGCTGTGCAAGTGAAGTGAAGTGAAGTGA 429
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 421 CCCAGCTGGGACTGCCCCAGCCCAAGAGATACAGGTGCGAGAAAGTGTGCGGCTGTG 480
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QY 481 TGGGTATGTGACCAAGGAGTGAACCGGCGGATCCAGCGCTTCCAGCGGCAAGAGACCA 540
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Db 490 TGGGTATGTGCGGCAAGGAGTGAAGGAGTGAAGGAGTGAAGGAGTGAAGTGAAGTGAAGTGA 549
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QY 541 CTTTCTGCGCTGTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 600
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Db 550 TTTTCTGGCCTTGTCCTCTTCCCTGCCCCCTGATGTGCCCTGCCCCAGAAATGAGCAGGCC 609

QY 601 TGGGGCCCCCTGCTCAACCAACCTGTGGGCTGGGCAT 635

Db 610 TGGGACCCCTGCTCGACCAACCTGTGGGCTGGGCAT 644

RESULT 13

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US-10-140-808-319
; Sequence 319, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-808-319

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Query Match	67.7%;	Score 430.2;	DB 13;	Length 1266;
Best Local Similarity	79.8%;	Pred. No. 1.1e-119;		
Matches 507; Conservative	0;	Mismatches 128;	Indels 0;	Gaps 0;

QY	1	ATGAGGGGAGCCCACTGATCCATCTTCTGGCCACTTCCTTCTGCTCTCTCTCAATG	60
Db	10	ATGAGAGGCACACCGAAGACCACCTCTGGGCTTCTCTCTCTCTCTCAAG	69
QY	61	GTGTGTGCCAGCTGTGTCCGACACACCTGTACTGTCTTGGACACCAACCCAGTCCCA	120
Db	70	GTGCGTACCCAGCTGTGCCCGACACCAATGTACTGCCCTCTGGCACCCTCCCGATGCCCG	129
QY	121	CAGGGGTACCCCTGTGTCTGGATGGCTGTGGCTGTGTAAGTGTGTGACCGAGGCTG	180
Db	130	CTGGAGTACCCCTGTGTCTGGATGGCTGTGGCTGTGCTGCCGGTATGTGCACGGCGGCTG	189
QY	181	GGGGAGTCTTGGCAACCACTGCATGTCTTGGACCCCAAGCCAGGGCTGTGTTCAGCT	240
Db	190	GGGGAGCCCTGCGACCACTCCACGTCCTGGCAGCCAGCCAGGGCTGTGTGCCAGCCC	249
QY	241	GGGGCAGGCCCTGTGGCGCCATGGGGCTGTGTCTCTTTGGATGAGGATGACGGTACGTG	300
Db	250	GGGGCAGGACCCGGTGGCCGGGGGGCCCTGTGTCTCTTTGGCAGAGGACGACAGCACTGT	309
QY	301	GAGGTGAATGGCCGCGCAGGTACCTTGATGGAGAGAACCTTTAAACCCAATTGCAGGGTCTG	360
Db	310	GAGGTGAACGGCCGCTGTATCGGGAAGGGAGAACCTTCCAGCCCCCACTGCAGCATCCGC	369
QY	361	TGCCGCTGTGATGACGGGTGGCTTCACTGCTGCCGCTGTGCAGTGAGGATGTGCGGCTG	420
Db	370	TGCCCTGCGAGGACGGCGGCTTCACTGCTGCCGCTGTGCAAGGAGATGTGCGGCTG	429

OY	421	CCCACTGGGACTGCCCAAGCCCCAAGAATACAGGTGCCAGGAAGTCTGCCCGAG	480
Db	430	CCCAGCTGGGACTGCCCAAGCCCCAAGAAGGTGCAGGTCTGGGCAAGTCTGCCCTGAG	489
OY	481	TGGGTATGTGACCAGGAGTGACAACGGCGATCCAGCGCTCCACAGGCGCAAGGACACCAA	540
Db	490	TGGGTGTGCGCCAAGAGGAGGAGCTGGGGAACCCAGCCCCCTTCAGGCCCAAGAACCCAG	549
OY	541	CTTTCTGCCCTTGTCACTCCTGCTCTGTGATGCTCCTTGTCCAAATTGAGCACAGCC	600
Db	550	TTTTCTGGCCTTGTCTCTTCCCTGCCCCCTGGTGTCCCTGCCCCAAGATGAGCACAGGCC	609
OY	601	TGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAT	635
Db	610	TGGGGACCCCTGCTCGACCACTGTGGGCTGGGCAT	644

RESULT 14

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US-10-152-405-319
; Sequence 319, Application US/10152405
; Publication No. US20030211571A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C383
; CURRENT APPLICATION NUMBER: US/10/152,405
; CURRENT FILING DATE: 2002-05-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-152-405-319

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Query Match	67.7%	Score 430.2;	DB 13;	Length 1266;
Best Local Similarity	79.8%;	Pred. No. 1.1e-119;		
Matches 507;	Conservative 0;	Mismatches 128;	Indels 0;	Gaps 0;

OY		1	ATGAGGGGCAGCCCACTGTATTCATTCTTGCGCACTTCTCCTCTCTCATATG	60
Db		10	ATGAGAGGCACACCGAAGACCCACTTCTGGCTTCTCCCTCTCTCCAAAG	69
OY		61	GTTGTGTGCCAAGCTGTGCCCCGACACCCCTGTACTGTCTTGGACACCAACCCAGTGCCCA	120
Db		70	GTTGCTAACCCAGCTGTGCCCCGACACCATGTACTGCCCCCTGGCACACTCCCAGATGCCG	129
OY		121	CAGGGGGTACCCCTGTGTCTGTATGGCTGTGGCTGCTGTAAAGTGTGTGCAAGGAGGCTG	180
Db		130	CTGGGAAGTACCCCTGTGTCTGTATGGCTGTGGCTGCTGCCGGTATGTGACGCGGGCTG	189
OY		181	GGGAGTCTCTGCAACCACTGTATGTCTGCGAACCCCAAGCCAGGGGCTGTGTTGTACGCT	240
Db		190	GGGAGCCCTGCGACCAACTCAAGTCTGCGAACCCCAAGGCGGCTGTGTGTGCAAGCCC	249

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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 06:27:47 ; Search time 52.8912 Seconds
(without alignments)
6662.619 Million cell updates/sec

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Perfect score: 635
Sequence: 1 ATGAGGGGACGCCACTGAT.....ACCACTGTGGCTGGCAT 635

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 682709 segs, 277475446 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
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Post-processing: Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	90	14.2	1734	4 US-09-182-145-17	Sequence 17, Appl
2	90	14.2	1734	4 US-09-182-145-18	Sequence 18, Appl
3	32	5.0	647	4 US-09-023-655-790	Sequence 790, App
4	32	5.0	738	4 US-09-182-145-38	Sequence 38, Appl
5	32	5.0	841	4 US-09-182-145-39	Sequence 39, Appl
6	32	5.0	1293	4 US-09-182-145-13	Sequence 13, Appl
7	32	5.0	1293	4 US-09-182-145-14	Sequence 14, Appl
8	27	4.3	51	4 US-09-182-145-117	Sequence 11, Appl
9	19	3.0	372	4 US-09-636-791A-11	Sequence 11, Appl
10	19	3.0	425	4 US-08-747-562-24	Sequence 24, Appl
11	19	3.0	616	3 US-09-385-982-220	Sequence 220, App
12	19	3.0	1196	4 US-09-149-476-225	Sequence 225, App
13	19	3.0	1220	4 US-09-149-476-57	Sequence 57, Appl
14	19	3.0	1514	2 US-09-213-768-1	Sequence 1, Appl
15	19	3.0	1539	4 US-09-668-680-13	Sequence 13, Appl
16	19	3.0	2031	4 US-09-252-991A-12122	Sequence 12122, A
17	19	3.0	2370	4 US-09-252-991A-12196	Sequence 12196, A
18	19	3.0	3120	4 US-09-252-991A-12395	Sequence 12395, A
19	18	2.8	20	2 US-09-213-768-2	Sequence 2, Appl
20	18	2.8	280	4 US-09-313-294A-742	Sequence 742, App
21	18	2.8	315	4 US-09-313-294A-482	Sequence 482, App
22	18	2.8	1218	4 US-09-252-991A-9482	Sequence 9482, App
23	18	2.8	1290	4 US-09-252-991A-9349	Sequence 9349, App
24	18	2.8	1422	4 US-09-489-039A-7028	Sequence 7028, App
25	18	2.8	1646	4 US-09-023-655-629	Sequence 629, App
26	18	2.8	1950	4 US-09-489-039A-6971	Sequence 6971, App
27	18	2.8	2196	4 US-09-252-991A-9319	Sequence 9319, App

C 28	18	2.8	3727	1 US-08-249-380-1	Sequence 1, Appl
C 29	17	2.7	44	4 US-09-182-145-152	Sequence 152, App
C 30	17	2.7	435	4 US-09-252-991A-7905	Sequence 7905, App
C 31	17	2.7	477	4 US-09-252-991A-6506	Sequence 6506, App
C 32	17	2.7	480	3 US-09-188-930-206	Sequence 206, App
C 33	17	2.7	480	4 US-09-312-283C-206	Sequence 206, App
C 34	17	2.7	614	3 US-08-987-416-151	Sequence 151, App
C 35	17	2.7	882	4 US-09-489-039A-2691	Sequence 2691, App
C 36	17	2.7	896	3 US-09-188-930-36	Sequence 36, Appl
C 37	17	2.7	896	4 US-09-312-283C-36	Sequence 36, Appl
C 38	17	2.7	933	3 US-08-987-743-1	Sequence 1, Appl
C 39	17	2.7	933	4 US-09-252-991A-6517	Sequence 6517, App
C 40	17	2.7	1308	3 US-08-987-743-5	Sequence 5, Appl
C 41	17	2.7	1596	4 US-09-252-991A-7833	Sequence 7833, App
C 42	17	2.7	1740	4 US-09-252-991A-7731	Sequence 7731, App
C 43	17	2.7	1743	3 US-08-665-259-20	Sequence 20, Appl
C 44	17	2.7	1743	3 US-08-762-500-20	Sequence 20, Appl
C 45	17	2.7	1821	4 US-09-149-476-90	Sequence 90, Appl

ALIGNMENTS

RESULT 1
US-09-182-145-17
Sequence 17, Application US/09182145B
Patent No. 6387657
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/09/182,145B
EARLIER FILING DATE: 1998-10-29
EARLIER APPLICATION NUMBER: US 60/063,704
EARLIER FILING DATE: 1997-10-29
EARLIER APPLICATION NUMBER: US 60/073,612
EARLIER FILING DATE: 1998-02-04
EARLIER APPLICATION NUMBER: US 60/081,695
EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 17
LENGTH: 1734
TYPE: DNA
ORGANISM: Mus musculus
US-09-182-145-17
Query Match 14.2%; Score 90; DB 4; Length 1734;
Best Local Similarity 100.0%; Pred. No. 9.8e-35;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 162 AGTGTGTGACGAGGCTGGGGAGTCTGGGACCACTGCATGTCTGGACCCAGCCA 221
DB 418 AGTGTGTGACGAGGCTGGGGAGTCTGGGACCACTGCATGTCTGGACCCAGCCA 477
QY 222 GGGCTGTTGTTCAGCCTGGGGCAGGCC 251
DB 478 GGGCTGTTGTTCAGCCTGGGGCAGGCC 507
RESULT 2
US-09-182-145-18/c
Sequence 18, Application US/09182145B
Patent No. 6387657
GENERAL INFORMATION:


```
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-182-145-18
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Query Match      14.2%; Score 90; DB 4; Length 1734;
Best Local Similarity 100.0%; Pred. No. 9.8e-35;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      162 AGTGTGTCACGAGAGCTGGGGAGTCTGCGACCACCTGCATGTCTGGAGCCCGAGCCA 221
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Db      1317 AGTGTGTCACGAGAGCTGGGGAGTCTGCGACCACCTGCATGTCTGGAGCCCGAGCCA 1258

QY      222 GGGCCTGGTTGTTCAGCCTGGGGCAGGCCC 251
      |||
Db      1257 GGGCCTGGTTGTTCAGCCTGGGGCAGGCCC 1228
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RESULT 3

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US-09-023-655-790
; Sequence 790, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Selhammer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
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; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 790:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 647 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: LUNGUT02
; CLONE: 692911
US-09-023-655-790
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Query Match      5.0%; Score 32; DB 4; Length 647;
Best Local Similarity 100.0%; Pred. No. 3e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      406 GAGATGTGCGGCTGCCAGCTGGAGTGGCC 437
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Db      138 GAGATGTGCGGCTGCCAGCTGGAGTGGCC 169
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RESULT 4

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US-09-182-145-38
; Sequence 38, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 38
; LENGTH: 738
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-182-145-38
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Query Match      5.0%; Score 32; DB 4; Length 738;
Best Local Similarity 100.0%; Pred. No. 3e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      127 GTACCCCTGGTGTGATGAGCTGTGGCTGTG 158
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Db      115 GTACCCCTGGTGTGATGAGCTGTGGCTGTG 146
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RESULT 5

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US-09-182-145-39
; Sequence 39, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
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; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; EARLIER FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 39
; LENGTH: 841
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-841
; OTHER INFORMATION: Sequence is synthesized.
; Patent No. 6387657
US-09-182-145-39

Query Match          5.0%; Score 32; DB 4; Length 841;
Best Local Similarity 100.0%; Pred. No. 3e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 406 GAGGATGTGCGGCTGCCAGCTGGAGCTGCC 437
DB 417 GAGGATGTGCGGCTGCCAGCTGGAGCTGCC 448

RESULT 6
US-09-182-145-13
; Sequence 13, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 13
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-182-145-13

Query Match          5.0%; Score 32; DB 4; Length 1293;
Best Local Similarity 100.0%; Pred. No. 3e-06;
Matches 32; Conservative 100.0%; Mismatches 0; Indels 0; Gaps 0;
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Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 GTACCCCTGTGTGATGGCTGTGCTGTG 158
DB 148 GTACCCCTGTGTGATGGCTGTGCTGTG 179

RESULT 7
US-09-182-145-14/c
; Sequence 14, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 14
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-182-145-14

Query Match          5.0%; Score 32; DB 4; Length 1293;
Best Local Similarity 100.0%; Pred. No. 3e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 GTACCCCTGTGTGATGGCTGTGCTGTG 158
DB 1146 GTACCCCTGTGTGATGGCTGTGCTGTG 1115

RESULT 8
US-09-182-145-117
; Sequence 117, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
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; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 117
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-51
; OTHER INFORMATION: Sequence is synthesized.
; Patent No. 6387657
US-09-182-145-117

Query Match 4.3%; Score 27; DB 4; Length 51;
Best Local Similarity 100.0%; Pred. No. 0.00081;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 132 CCTGTGCTGGATGGCTGGCTGCTG 158
Db 1 CCTGTGCTGGATGGCTGGCTGCTG 27

RESULT 9

US-09-636-791A-11/c
; Sequence 11, Application US/09636791A
; Patent No. 6503703
; GENERAL INFORMATION:
; APPLICANT: Palese et al
; TITLE OF INVENTION: IDENTIFICATION AND USE OF ANTIVIRAL COMPOUNDS THAT
; TITLE OF INVENTION: INHIBIT INTERACTION OF HOST CELL PROTEINS AND VIRAL
; TITLE OF INVENTION: PROTEINS REQUIRED FOR VIRAL REPLICATION
; FILE REFERENCE: 6923-077-999
; CURRENT APPLICATION NUMBER: US/09/636,791A
; CURRENT FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/148,263
; PRIOR FILING DATE: 1999-08-11
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 372
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-636-791A-11

Query Match 3.0%; Score 19; DB 4; Length 372;
Best Local Similarity 100.0%; Pred. No. 7.2;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 TGATGACGGTGGCTTCACC 387
Db 80 TGATGACGGTGGCTTCACC 62

RESULT 10

US-08-747-562-24/c
; Sequence 24, Application US/08747562
; Patent No. 6579697
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BOLDIN, Mark
; APPLICANT: METT, Igor
; APPLICANT: VARFOLOMEYEV, Eugene
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
; TITLE OF INVENTION: AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,562
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05854
; FILING DATE: 11-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 109,632
; FILING DATE: 11-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 111,125
; FILING DATE: 02-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=15A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 425 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-747-562-24

Query Match 3.0%; Score 19; DB 4; Length 425;
Best Local Similarity 100.0%; Pred. No. 7.2;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 TGATGACGGTGGCTTCACC 387
Db 118 TGATGACGGTGGCTTCACC 100

RESULT 11

US-09-385-982-220/c
; Sequence 220, Application US/09385982
; Patent No. 6262334
; GENERAL INFORMATION:
; APPLICANT: ENDEGE, WILSON O., ET AL.
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS: II
; FILE REFERENCE: CCDNA-260XX
; CURRENT APPLICATION NUMBER: US/09/385,982
; CURRENT FILING DATE: 1999-08-30
; EARLIER APPLICATION NUMBER: 09/328,111
; EARLIER FILING DATE: 1999-06-08
; EARLIER APPLICATION NUMBER: 60/117,393
; EARLIER FILING DATE: 1999-01-27
; EARLIER APPLICATION NUMBER: 60/098,639
; EARLIER FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 544
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 220
; LENGTH: 616
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(616)
; OTHER INFORMATION: n = A,T,C or G
US-09-385-982-220

Query Match 3.0%; Score 19; DB 3; Length 616;
Best Local Similarity 100.0%; Pred. No. 7.3;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 TGATGACGGTGGCTTCACC 387

Db 127 TGATGACGGTGGCTTACC 109

RESULT 12

US-09-149-476-225/c

; Sequence 225, Application US/09149476

; Patent No. 6420526

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

; TITLE OF INVENTION: 186 Human Secreted proteins

; FILE REFERENCE: P2002P1

; CURRENT APPLICATION NUMBER: US/09/149,476

; CURRENT FILING DATE: 1998-09-08

; EARLIER APPLICATION NUMBER: PCT/US98/04493

; EARLIER FILING DATE: 1998-03-06

; EARLIER APPLICATION NUMBER: 60/040,162

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/040,333

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/038,621

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/040,626

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/040,334

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/040,336

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/040,163

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/047,600

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,615

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,597

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,502

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,633

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,583

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,617

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,618

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,503

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,592

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,581

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,584

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,500

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,587

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,492

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,598

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,613

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,582

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,596

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,612

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,632

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,601

; EARLIER FILING DATE: 1997-08-22

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/043,580

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,568

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,314

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,569

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,311

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,671

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,674

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,669

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,312

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,313

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,672

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/043,315

; EARLIER FILING DATE: 1997-04-11

; EARLIER APPLICATION NUMBER: 60/048,974

; EARLIER FILING DATE: 1997-06-06

; EARLIER APPLICATION NUMBER: 60/056,886

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,877

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,889

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,893

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,630

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,878

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,662

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,872

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,882

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,637

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,903

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,888

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,879

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,880

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,894

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,911

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,636

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,874

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,910

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,864

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,631

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,845

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,892

; EARLIER FILING DATE: 1997-08-22

; EARLIER APPLICATION NUMBER: 60/056,892

; EARLIER FILING DATE: 1997-08-22


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; EARLIER APPLICATION NUMBER: 60/057,761
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/047,595
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,599
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,588
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,585
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,586
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,590
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,594
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,589
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,593
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,614
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,578
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,576
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/047,501
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,670
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/056,632
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,664
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,876
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,881
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,909
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,875
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,862
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,887
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,908
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/048,964
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/057,650
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/056,884
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/057,669
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/049,610
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/061,060
; EARLIER FILING DATE: 1997-10-02
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Query Match 3.0%; Score 19; DB 4; Length 1196;
Best Local Similarity 100.0%; Pred. No. 7.3;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY 369 TGATGACGGTGGCTTCAAC 387
DB 134 TGATGACGGTGGCTTCAAC 116
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RESULT 13
US-09-149-476-57/c
; Sequence 57, Application US/09149476
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; Patent No. 6420526
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: P2002P1
; CURRENT APPLICATION NUMBER: US/09/149,476
; EARLIER APPLICATION NUMBER: PCT/US98/04493
; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,626
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,334
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,336
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,163
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/047,600
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,615
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,597
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,502
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,633
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,583
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,617
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,618
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,503
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,592
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,581
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,584
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,500
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,587
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,492
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,598
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,613
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,582
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,596
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,612
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,632
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,601
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,580
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,568
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,314
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EARLIER APPLICATION NUMBER: 60/043,569
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,311
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,671
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,674
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,669
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,312
EARLIER FILING DATE: 1997-04-11
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EARLIER FILING DATE: 1997-04-11
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EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,315
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/048,974
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/056,886
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,877
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,889
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EARLIER FILING DATE: 1997-08-22
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EARLIER FILING DATE: 1997-08-22
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EARLIER FILING DATE: 1997-05-23
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EARLIER FILING DATE: 1997-05-23
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EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,576
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/047,501
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,670
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/056,632
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EARLIER APPLICATION NUMBER: 60/049,610
EARLIER FILING DATE: 1997-06-13
EARLIER APPLICATION NUMBER: 60/061,060
EARLIER FILING DATE: 1997-10-02

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Best local similarity 100.0%; Pred. No. 7.4;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 128 TGATGACGGTGGCTTCAAC 110

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Sequence 1, Application US/09213768
Patent No. 5985664
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION
FILE REFERENCE: RTS-0026
CURRENT APPLICATION NUMBER: US/09/213,768

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; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 1
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; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (136)..(441)
US-09-213-768-1
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Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; Sequence 13, Application US/09668680
; Patent No. 6436703
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Zhou, Ping
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Xu, Aidong J.
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. 6436703el Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 790CIP2A
; CURRENT APPLICATION NUMBER: US/09/668,680
; CURRENT FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: pt_fl_genes Version 2.0
; SEQ ID NO 13
; LENGTH: 1539
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (130)..(1539)
US-09-668-680-13
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Query Match      3.0%; Score 19; DB 4; Length 1539;
Best Local Similarity 100.0%; Pred. No. 7.4;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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GenCore version 5.1.6
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Scoring table: OLIGO_NUC
Gapop_60.0 , Gapext 60.0

Searched: 2941586 seqs, 2264995651 residues

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Total number of hits satisfying chosen parameters: 5883172

Minimum DB seq length: 0
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	635	100.0	1708	14 US-10-010-408-1	Sequence 1, Appli
3	566	89.1	681	14 US-10-010-408-12	Sequence 12, Appli
4	210	33.1	210	14 US-10-010-408-8	Sequence 8, Appli
5	177	27.9	177	14 US-10-010-408-5	Sequence 5, Appli
6	90	14.2	1734	15 US-10-112-267-17	Sequence 17, Appli
7	90	14.2	1734	15 US-10-112-267-18	Sequence 18, Appli
8	90	14.2	1734	15 US-10-010-408-10	Sequence 10, Appli
9	32	5.0	199	9 US-09-864-761-23432	Sequence 23432, A
10	32	5.0	586	9 US-09-864-761-6698	Sequence 6698, Ap
11	32	5.0	647	17 US-10-641-643-790	Sequence 790, App
12	32	5.0	738	15 US-10-112-267-38	Sequence 38, Appli
13	32	5.0	841	15 US-10-112-267-39	Sequence 39, Appli
14	32	5.0	1266	13 US-10-147-493-319	Sequence 319, App

15	32	5.0	1266	13 US-10-145-127-319	Sequence 319, App
16	32	5.0	1266	13 US-10-160-503-319	Sequence 319, App
17	32	5.0	1266	13 US-10-143-118-319	Sequence 319, App
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19	32	5.0	1266	13 US-10-158-787-319	Sequence 319, App
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33	32	5.0	1266	15 US-10-121-049-319	Sequence 319, App
34	32	5.0	1266	15 US-10-123-904-319	Sequence 319, App
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37	32	5.0	1266	15 US-10-176-918-319	Sequence 319, App
38	32	5.0	1266	15 US-10-176-921-319	Sequence 319, App
39	32	5.0	1266	15 US-10-137-865-319	Sequence 319, App
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44	32	5.0	1266	15 US-10-142-419-319	Sequence 319, App
45	32	5.0	1266	15 US-10-123-262-319	Sequence 319, App

ALIGNMENTS

RESULT 1
US-10-010-408-3
Sequence 3, Application US/10010408
Publication No. US20020165185A1

GENERAL INFORMATION:
APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules and Uses Therefor

NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214


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; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 753 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: cDNA
;   FEATURE:
;     NAME/KEY: CDS
;     LOCATION: 1..750
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-010-408-3

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; Sequence 1, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules
; and Uses Therefor
;
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
;

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1 STREET: 28 State Street
2 CITY: Boston
3 STATE: Massachusetts
4 COUNTRY: USA
5 ZIP: 02109
6
7 COMPUTER READABLE FORM:
8 MEDIUM TYPE: floppy disk
9 COMPUTER: IBM PC compatible
10 OPERATING SYSTEM: PC-DOS/MS-DOS
11 SOFTWARE: Patent In Release #1.0, Version #1.25
12
13 CURRENT APPLICATION DATA:
14 APPLICATION NUMBER: US/10/010,408
15 FILING DATE: 07-Dec-2001
16 CLASSIFICATION: <Unknown>
17
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER: 09/044,273
20 FILING DATE: March 19, 1998
21 APPLICATION NUMBER: <Unknown>
22 FILING DATE: <Unknown>
23
24 ATTORNEY/AGENT INFORMATION:
25 NAME: Amy E. Mandragouras
26 REGISTRATION NUMBER: 36,207
27 REFERENCE/DOCKET NUMBER: MBI-004
28
29 TELECOMMUNICATION INFORMATION:
30 TELEPHONE: (617) 227-7400
31 TELEFAX: (617) 742-4214
32
33 INFORMATION FOR SEQ ID NO: 1:
34 SEQUENCE CHARACTERISTICS:
35 LENGTH: 1708 base pairs
36 TYPE: nucleic acid
37 STRANDEDNESS: single
38 TOPOLOGY: linear
39 MOLECULE TYPE: cDNA
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41 FEATURE:
42 NAME/KEY: CDS
43 LOCATION: 249..1001
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QY	61	GNGTGTGCCAGCTGTGCGGACACCCCTGTACCTGTCTTGGACACCAACCCAGTGCCCA	120	
Db	309	GTGTGTGCCAGCTGTGCGGACACCCCTGTACCTGTCTTGGACACCAACCCAGTGCCCA	368	
QY	121	CAGGGGTACCCCTGTGTGATGGCTGTGGCTGTGTAAAGTGTGTGCACGGAGGCTG	180	
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QY	181	GGGAGTCTTGCGACCACTGATGTCTGCGACCCCGACGCGGCTGTTGTCAAGCT	240	
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QY	241	GGGCGAGGCCCTGCGGCCATGGGGCTGTGTCTCTTGGATGAGATGACGGTAGCTGT	300	
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QY	301	GAGGTGAATGGCCGAGGTACTGATGGAGAGACCTTTAAACCAATTGCAGGGTCTG	360	
Db	549	GAGGTGAATGGCCGAGGTACTGATGGAGAGACCTTTAAACCAATTGCAGGGTCTG	608	
QY	361	TGCCGCTGTGATGACGAGTGTTCACCTGCGCGCTGTGACGTAGAGATGTGCGGCTG	420	
Db	609	TGCCGCTGTGATGACGAGTGTTCACCTGCGCGCTGTGACGTAGAGATGTGCGGCTG	668	
QY	421	CCCACTGGGACTGCCACGCCCCAAGAGAATACAGGTGCCAGGAAGTGTGCCCCGAG	480	

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Db 729 TGGGTATGTGACCAAGAGAGTGAACCCGGCGATCCAGCGCTCCACGGCGAAGACACCAA 788
QY 541 CTTTCTGCCCCCTGTCACTCCCTGCTCTGTGATGCTCCTTGTCCAAATTGAGACAGACC 600
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RESULT 3

US-10-010-408-12
Sequence 12, Application US/10010408
Publication No. US20020165185A1

GENERAL INFORMATION:

APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules
and Uses Therefor

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 681 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..681

SEQUENCE DESCRIPTION: SEQ ID NO: 12:

US-10-010-408-12

Query Match 89.1%; Score 566; DB 14; Length 681;
Best Local Similarity 100.0%; Pred. No. 8.3e-286;
Matches 566; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 70 CAGCTGTGCGGACACCCCTGTACCTGTCTTGGACACCAACCCAGTGCACAGGGGGTA 129
Db 1 CAGCTGTGCGGACACCCCTGTACCTGTCTTGGACACCAACCCAGTGCACAGGGGGTA 60

QY 130 CCCCTGTGCTGATGAGCTGTGCTGTGCTGTAAAGTGTGTGCACCGAGGCTGGGGAGTCC 189
Db 61 CCCCTGTGCTGATGAGCTGTGCTGTGCTGTAAAGTGTGTGCACCGAGGCTGGGGAGTCC 120
QY 190 TGCAGCACCTGTGATGTGTGCGACCCCGAGCCAGGCTGTTGTTCAGCCTGGGCGAGGC 249
Db 121 TGCAGCACCTGTGATGTGTGCGACCCCGAGCCAGGCTGTTGTTCAGCCTGGGCGAGGC 180
QY 250 CCTGCGGCGCATGGGCTGTGTGTCTCTTGGATGAGATGACGGTAGCTGTGAGGTGAAT 309
Db 181 CCTGCGGCGCATGGGCTGTGTGTCTCTTGGATGAGATGACGGTAGCTGTGAGGTGAAT 240
QY 310 GCGCGCAGGTACCTGATGAGAGACCTTTAAACCAATTGCAGGGTCTGTGCGGCTGT 369
Db 241 GCGCGCAGGTACCTGATGAGAGACCTTTAAACCAATTGCAGGGTCTGTGCGGCTGT 300
QY 370 GATGACGGTGGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 429
Db 301 GATGACGGTGGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 360
QY 430 GACTGCCACAGCCCCAAGAGATACAGGTGCCAGGAAGTCTGCCCGAGTGGTATGT 489
Db 361 GACTGCCACAGCCCCAAGAGATACAGGTGCCAGGAAGTCTGCCCGAGTGGTATGT 420
QY 490 GACCAAGGAGTGACACCGCGGATCCAGCGCTCCACGGCGCAAGACACCACTTTCTGCC 549
Db 421 GACCAAGGAGTGACACCGCGGATCCAGCGCTCCACGGCGCAAGACACCACTTTCTGCC 480
QY 550 CTTGTCACTCCCTGCTGCTGATGCTCCTTGTCCAAATTGAGACACAGCCTGGGGCCCC 609
Db 481 CTTGTCACTCCCTGCTGCTGATGCTCCTTGTCCAAATTGAGACACAGCCTGGGGCCCC 540
QY 610 TGCTCAACCACTGTGGGCTGGGCAT 635
Db 541 TGCTCAACCACTGTGGGCTGGGCAT 566

RESULT 4

US-10-010-408-8
Sequence 8, Application US/10010408
Publication No. US20020165185A1

GENERAL INFORMATION:

APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules
and Uses Therefor

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400

TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 210 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..210
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-010-408-8

Query Match 33.1%; Score 210; DB 14; Length 210;
Best Local Similarity 100.0%; Pred. No. 2e-99;
Matches 210; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 70 CAGCTGTGCCGACACCCCTGTACCTGTCTTGACACACCCAGTGGCCACAGGGGTA 129
DB 1 CAGCTGTGCCGACACCCCTGTACCTGTCTTGACACACCCAGTGGCCACAGGGGTA 60
QY 130 CCCCTGTGTGATGGCTGTGCTGTGTAAAGTGTGTGCACGAGGCTGGGGAGTCC 189
DB 61 CCCCTGTGTGATGGCTGTGCTGTGTAAAGTGTGTGCACGAGGCTGGGGAGTCC 120
QY 190 TGCAGCACCTGCATGTTCGACACCCAGCCAGGCGCTTGTGTCAAGCTGGGGCAGGC 249
DB 121 TGCAGCACCTGCATGTTCGACACCCAGCCAGGCGCTTGTGTCAAGCTGGGGCAGGC 180
QY 250 CCTGGCGGCCATGGGCTGTGTCTCTTG 279
DB 181 CCTGGCGGCCATGGGCTGTGTCTCTTG 210

RESULT 5
US-10-010-408-5
Sequence 5, Application US/10010408
Publication No. US20020165185A1
GENERAL INFORMATION:
APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules
and Uses Therefor
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MB1-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..177
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-010-408-5

Query Match 27.9%; Score 177; DB 14; Length 177;
Best Local Similarity 100.0%; Pred. No. 3.8e-82;
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 298 TGTGAGTGAATGGCCCGCAGGTACTGATGAGAGACCTTTAAACCAATTGCAGGTC 357
DB 1 TGTGAGTGAATGGCCCGCAGGTACTGATGAGAGACCTTTAAACCAATTGCAGGTC 60
QY 358 CTGTGCCGTGTGATGACGGTGGCTTCACTGCTGCCGCTGTGTGAGATGAGATGCGG 417
DB 61 CTGTGCCGTGTGATGACGGTGGCTTCACTGCTGCCGCTGTGTGAGATGAGATGCGG 120
QY 418 CTGCCAGCTGGAGTGTCCCGCAGCCCAAGAGATACAGGTGCCAGAAAGTCTGC 474
DB 121 CTGCCAGCTGGAGTGTCCCGCAGCCCAAGAGATACAGGTGCCAGAAAGTCTGC 177

RESULT 6
US-10-112-267-17
Sequence 17, Application US/10112267
Publication No. US20030068678A1
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: US 60/081,695
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 17
LENGTH: 1734
TYPE: DNA
ORGANISM: Mus musculus
US-10-112-267-17

Query Match 14.2%; Score 90; DB 15; Length 1734;
Best Local Similarity 100.0%; Pred. No. 1e-36;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 162 AGTGTGACGAGGCTGGGAGTCTGTGACACCACTGCATGTCTGCGACCCAGCCA 221
DB 418 AGTGTGACGAGGCTGGGAGTCTGTGACACCACTGCATGTCTGCGACCCAGCCA 477
QY 222 GGGCTGTTTGTACGCTGGGCGAGGCC 251

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 23432
LENGTH: 199
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL139352.8
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
OTHER INFORMATION: NT HIT: AF083500.1, EVALUATE 1.00e-108
OTHER INFORMATION: SWISSPROT HIT: O19113, EVALUATE 9.00e-19
US-09-864-761-23432

Query Match 5.0%; Score 32; DB 9; Length 199;
Best Local Similarity 100.0%; Pred. No. 2.9e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 406 GAGATGTGCGGCTGCCAGCTGGGACTGCC 437
DB 129 GAGATGTGCGGCTGCCAGCTGGGACTGCC 160

RESULT 10

US-09-864-761-6698
Sequence 6698, Application US/09864761
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 6698
LENGTH: 586
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL139352.8
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
US-09-864-761-6698

Query Match 5.0%; Score 32; DB 9; Length 586;
Best Local Similarity 100.0%; Pred. No. 2.6e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 406 GAGATGTGCGGCTGCCAGCTGGGACTGCC 437
DB 342 GAGATGTGCGGCTGCCAGCTGGGACTGCC 373

RESULT 11

US-10-641-643-790
Sequence 790, Application US/10641643
Publication No. US20040077003A1
GENERAL INFORMATION:
APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
GENE EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/641,643
FILING DATE: 14-Aug-2003
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 790:
SEQUENCE CHARACTERISTICS:
LENGTH: 647 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: LUNGTUT02
CLONE: 692911
SEQUENCE DESCRIPTION: SEQ ID NO: 790 :
US-10-641-643-790

Query Match 5.0%; Score 32; DB 17; Length 647;
Best Local Similarity 100.0%; Pred. No. 2.6e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 406 GAGGATGTGCGGCTGCCAGCTGGGACTGCC 437
DB 138 GAGGATGTGCGGCTGCCAGCTGGGACTGCC 169

RESULT 12
US-10-112-267-38
Sequence 38, Application US/10112267
Publication No. US20030068678A1
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 38
LENGTH: 738
TYPE: DNA
ORGANISM: Homo sapiens
US-10-112-267-38

Query Match 5.0%; Score 32; DB 15; Length 738;
Best Local Similarity 100.0%; Pred. No. 2.5e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 GTACCCCTGTGCTGATGGCTGTGCTGCTG 158
DB 115 GTACCCCTGTGCTGATGGCTGTGCTGCTG 146

RESULT 13
US-10-112-267-39
Sequence 39, Application US/10112267
Publication No. US20030068678A1
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 39
LENGTH: 841
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: 1-841
OTHER INFORMATION: Sequence is synthesized.
US-10-112-267-39

Query Match 5.0%; Score 32; DB 15; Length 841;
Best Local Similarity 100.0%; Pred. No. 2.5e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 406 GAGGATGTGCGGCTGCCAGCTGGGACTGCC 437
DB 417 GAGGATGTGCGGCTGCCAGCTGGGACTGCC 448

RESULT 14
US-10-147-493-319
Sequence 319, Application US/10147493
Publication No. US20040029217A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Deforge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C345

;; CURRENT APPLICATION NUMBER: US/10/147,493
;; CURRENT FILING DATE: 2002-05-17
;; Prior Application removed - See File Wrapper or Palm
;; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-493-319

Query Match 5.0%; Score 32; DB 13; Length 1266;
Best Local Similarity 100.0%; Pred. No. 2.4e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 GTACCCCTGTGCTGGATGGCTGTGCTG 158
|||
Db 136 GTACCCCTGTGCTGGATGGCTGTGCTG 167

RESULT 15

US-10-145-127-319
; Sequence 319, Application US/10145127
; Publication No. US20040033558A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C252
; CURRENT APPLICATION NUMBER: US/10/145,127
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-145-127-319

Query Match 5.0%; Score 32; DB 13; Length 1266;
Best Local Similarity 100.0%; Pred. No. 2.4e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 GTACCCCTGTGCTGGATGGCTGTGCTG 158
|||
Db 136 GTACCCCTGTGCTGGATGGCTGTGCTG 167

Search completed: May 9, 2004, 15:44:07
Job time : 283.035 secs

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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 04:40:51 ; Search time 142.676 Seconds
(without alignments)
6643.418 Million cell updates/sec

Title: US-10-010-408-1
Perfect score: 1708
Sequence: 1 GACGCTTCTGATCTCCAGAG.....GCTTGAATTAACACCCCAA 1708

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA: *
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq: *
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	1278	74.8	1734	4	US-09-182-145-17	Sequence 17, Appl
2	1278	74.8	1734	4	US-09-182-145-18	Sequence 18, Appl
3	561.4	32.9	1293	4	US-09-182-145-13	Sequence 13, Appl
4	561.4	32.9	1293	4	US-09-182-145-14	Sequence 14, Appl
5	528.8	31.0	841	4	US-09-182-145-39	Sequence 39, Appl
6	501.2	29.3	738	4	US-09-182-145-38	Sequence 38, Appl
7	349.6	20.5	647	4	US-09-023-655-790	Sequence 790, App
8	163.8	9.6	2075	1	US-08-167-628-1	Sequence 1, Appli
9	163.8	9.6	2075	1	US-08-386-680-1	Sequence 1, Appli
10	163.8	9.6	2075	1	US-08-459-717-1	Sequence 1, Appli
11	163.8	9.6	2075	1	US-08-712-302-1	Sequence 1, Appli
12	163.8	9.6	2075	2	US-08-880-031-1	Sequence 1, Appli
13	163.8	9.6	2075	3	US-09-097-179-1	Sequence 1, Appli
14	163.8	9.6	2075	3	US-09-080-715-1	Sequence 1, Appli
15	163.8	9.6	2075	4	US-09-142-569-7	Sequence 7, Appli
16	163.8	9.6	2075	4	US-09-461-688-1	Sequence 1, Appli
17	163.8	9.6	2075	4	US-09-023-655-1044	Sequence 1044, Ap
18	163.8	9.6	2075	5	PCT-US96-08140-1	Sequence 1, Appli
19	163.8	9.6	2998	3	US-09-054-368-1	Sequence 1, Appli
20	163.8	9.6	2998	3	US-09-054-274-1	Sequence 1, Appli
21	163.8	9.6	2998	3	US-09-056-704-1	Sequence 1, Appli
22	161	9.4	2267	4	US-09-142-569-5	Sequence 5, Appli
23	158	9.3	2330	4	US-09-582-337-1	Sequence 1, Appli
24	156.4	9.2	2350	4	US-09-187-478-1	Sequence 1, Appli
25	154.8	9.1	2350	4	US-09-292-036-1	Sequence 1, Appli
26	126	7.4	669	4	US-09-461-688-3	Sequence 3, Appli
27	125	7.3	1146	4	US-09-348-815-1	Sequence 1, Appli

28	123.4	7.2	1418	4	US-09-142-569-3	Sequence 3, Appli
29	119.8	7.0	1766	4	US-09-182-145-9	Sequence 9, Appli
30	119.8	7.0	1766	4	US-09-182-145-10	Sequence 10, Appl
31	117	6.9	1480	4	US-09-142-569-1	Sequence 1, Appli
32	111.6	6.5	2830	4	US-09-182-145-1	Sequence 1, Appli
33	111.6	6.5	2830	4	US-09-182-145-2	Sequence 2, Appli
34	102.8	6.0	1128	2	US-08-459-101A-1	Sequence 1, Appli
35	98.4	5.8	1062	4	US-09-253-316-3	Sequence 3, Appli
36	89.2	5.2	1403	4	US-09-182-145-23	Sequence 23, Appli
37	84	4.9	4214	4	US-09-122-135-1	Sequence 1, Appli
38	75.4	4.4	1212	4	US-09-253-316-1	Sequence 1, Appli
39	75.4	4.4	1212	4	US-09-182-145-34	Sequence 34, Appl
40	75.4	4.4	1212	4	US-09-182-145-35	Sequence 35, Appl
41	75.4	4.4	1335	4	US-09-182-145-30	Sequence 30, Appl
42	75.4	4.4	1335	4	US-09-182-145-31	Sequence 31, Appl
43	65.8	3.9	1101	4	US-09-182-145-29	Sequence 29, Appl
44	63.4	3.7	693	4	US-09-182-145-24	Sequence 24, Appl
45	63.4	3.7	1202	4	US-09-182-145-26	Sequence 26, Appl

ALIGNMENTS

RESULT 1
US-09-182-145-17
; Sequence 17, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Guirney, Auctin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; EARLIER FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-182-145-17

Query Match 74.8%; Score 1278; DB 4; Length 1734;
Best Local Similarity 88.5%; Pred. No. 0;
Matches 1520; Conservative 0; Mismatches 165; Indels 33; Gaps 11;

QY	3	CGCTTCTGATCTCCAGAGACCTGGGGTGGGACAGGGGCTTGCAAGGCTGCACCCG 62
DB	13	CGCTCCTGATCTCCAGAGACCCGGGCTGGACAGGGGCTTGCGAGGCTGCAGCTGC 72
QY	63	TG-GGAGTGGCTTGAATGAGGCTTTATTACTGGAACTGAGAGCTAAGAGGCTTC 121
DB	73	TGTGGCAGTAGCTTGGAGTGAAGTCTTCTTGTGCTGGAACTGAGAGCTGAGAGGCTTC 132
QY	122	TGTTCAG---CTGTCTTAAGTCTTAGCACTGTGTGGCTTGCGCTTCACACACTGTCA 178
DB	133	TGTTCAGGCTCCTGTCTTAAGCTTGTGCACTTGCGGTGGCTTGCGCTTCACACACTGTCA 192
QY	179	GACACCTTGTGTGTGGCTTCACGGCTCACCCTTCAAGTTGAAGCTGGCTTCACCAAGGG 238

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Db 193 GACACCTTCTGTGGCCCTCTCGGCC-----TCAGTTTGAAGCTGGCTCCACAAGGG 246
QY 239 ACACGGTGACATGAGGGGAGGCCACTGATCCATCTTCTGGCCAATTCTCTCTGCT 298
Db 247 ACACGGTGACATGAGGGGAGGCCACTGATCCATCTTCTGGCCATTCTCTCTGCTCAT 306
QY 299 TCTCTCAATGTTGTGTGCTCCAGCTGTGCTGGAGACACCTGTGACTCTTGGACACACC 358
Db 307 TCTCTCAATGTTGTATTCTCCAGCTGTGCTGGACACACCTGTGCTCTTGGACACACC 366
QY 359 CCAGTGGCCACAGGGGGTACCCCTGTGCTGGATGGCTGTGGCTGCTGTAAAGTGTGC 418
Db 367 CCAGTGGCCACAGGGGGTACCCCTGTGCTGGATGGCTGTGGCTGCTGTGAGTGTGC 426
QY 419 ACAGAGCTGGGGAGTCTGCGACCACTGATGTCTGCGACCCAGCCAGGGCTGTGT 478
Db 427 ACAGAGCTGGGGAGTCTGCGACCACTGATGTCTGCGACCCAGCCAGGGCTGTGT 486
QY 479 TTTGAGCTGGGGGAGGCCCTGGCGGCATGAGGGCTGTGTCTCTTGGATGAGATGA 538
Db 487 TTTGAGCTGGGGGAGGCCCTGGCGGCATGAGGGCTGTGTCTCTTGGATGAGATGA 546
QY 539 CGGTAGCTGTAGGTGAATGGCCGAGTACCTGATGAGAGACCTTTAAACCAATTG 598
Db 547 CGGTAGCTGTAGGTGAATGGCCGAGTACCTGATGAGAGACCTTTAAACCAATTG 606
QY 599 CAGGTCCTGTGCTGCTGTGATGACGGTGGCTTCACCTGCTGCCGTGTGACATGAGA 658
Db 607 CAGGTCCTGTGCTGCTGTGATGACGGTGGCTTCACCTGCTGCCGTGTGACATGAGA 666
QY 659 TGTGCGGCTGCCCCAGCTGGGACTGCCCAAGCCCCAAGAAATACAGTGCCAGAAATG 718
Db 667 TGTGCGGCTGCCCCAGCTGGGACTGCCCAAGCCCCAAGAAATACAGTGCCAGAAATG 726
QY 719 CTGCCCCGAGTGGGTATGTGACCAAGGAATGA---CACCGCGATTCACGCGCTCCACGGC 775
Db 727 CTGCCCCGAGTGGGTATGTGACCAAGGAATGA---CACCGCGATTCACGCGCTCCACGGC 786
QY 776 GCAAGGACCAACTTTCTGCCCCCTGTGCACTCTGCTGCTGTGATGCTCTGTGCTCAAA 835
Db 787 CCAAGGACCAACTTTCTGCCCCCTGTGCACTCTGCTGCTGTGATGCTCTGTGCTCAAA 846
QY 836 TTGGAGCACAGCTTGGGGCCCCCTGTCAACCACTGTGGCTGGGCATAGCCACCCGAGT 895
Db 847 CTGGAGCACAGCTTGGGGCCCCCTGTCAACCACTGTGGCTGGGCATAGCCACCCGAGT 906
QY 896 GTCCAACCAAGACCGATTCTGCCAATGTGAGATCCAAAGCCGCGCTGTGTGCCAGACC 955
Db 907 ATCCAACCAAGACCGATTCTGCCAATGTGAGATCCAAAGCCGCGCTGTGTGCCAGACC 966
QY 956 CTGCTGGCAGCCAGGAGCCACAGCTCATGSAACAGTCTTTCTTAAGGCCA-ACTGGGGA 1014
Db 967 CTGCTGGCAGCCAGGAGCCACAGCTCATGSAACAGTCTTTCTTAAGGCCAATGGGGGA 1026
QY 1015 TGGGATACAGGGCTGCATCTCAGCAAAATGACCTAGGACCAAGGCCCTGGACTGTG 1074
Db 1027 TGTGATACAGGGCTGCATCTCAGCAAAATGTCCCTAGGACCAAGGCCCTGGACTGTG 1086
QY 1075 GTAGATGCTCTTCCATGCTCTTGGCTGCACTTAAGTCTGCTTGAATCACTGTGT 1134
Db 1087 GTAGATGCTCTTCCATGCTCTTGGCTGCACTTAAGTCTGCTTGAATCACTGTGTCC 1146
QY 1135 AGAGCCACTGAGCGATCCCTGCTGTCTGAGGTAGCGGAGCAGGTGACAGCTCCAGT 1194
Db 1147 AGAGCCCTGAGCGATCCCTGCTGTCTGAGGTAGCGGAGCAGGTGACAGCTCCATT 1206
QY 1195 TCTCTGG--TTACGCTTGAATTTCTGGGTTCTCTGCTCATTTCTCAAAACATCCCTGT 1252
Db 1207 TCTCTGATTCTGACCCAGGCTTCTGGGTTCTCTGCTAGTTCTCAAAACTTCCCTGT 1266
QY 1253 ACAAAAAGGACAAACCAAAAAGACCTTTAAACCTAGGCTATACCTGGCAAACTGGCCACC 1312
Db 1267 ATGAAAAGGACAAACCAAAAAGACCTTTAAAGCTAGCTGTACTGGGCAAGCTGGCCACC 1326
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QY 1313 GTGCTGGGATGAAGTCAATGTTAGG-ACCAGACAGCAGATTGCTGAAACTTCCAATTC 1371
Db 1327 ATGCTGGGGATGATGACAGTAATAGTTACAGGACAGATTGCTGAAACATCCAGGTC 1386
QY 1372 CCTCTTGGACTTCTGTATGCTTGTCCCAAGATGATGAATGAATCTGTAAGTACTT 1431
Db 1387 CCTCTTGGACTTCTATGTGCTTGT-CCCAAGATTTATGGGTGACCTTGTAAAGTGTGCT 1445
QY 1432 TCCCTGACCTGAGAACACCCCTGCTGCTGGGAAGTATTACGGGAGAAATCTCTGTGA 1491
Db 1446 TTCCTGATCTGAGAACACCCCTGCTGCTGGGAGGAGGAGGAGGAGGAGGAGGAGG 1492
QY 1492 ACATGAAGAGAT-GAATCACACTGTCTTAAAGAAATTCCTGAAGTCCAGAACTTGAGC 1550
Db 1493 ACATGAAGAGATGAATCACACTATTCTTAAAGAGCGTTTGCCAACTCCAGAACTTGACC 1552
QY 1551 TTTGATTTTCAAGATGCAATCTCTTAAAGCACTGCAAAACAGGAAGGCTCCACACT 1610
Db 1553 TTTGATTTTGAATAATACACATCTTAAATGCTCAAAAGCAAG-AGGCTCCACACTT 1611
QY 1611 CTGGAGGCGCAGGCTTTCTCTTACAGCATGAGAAAGCAAGGACAGCAGATTAATCTC 1670
Db 1612 CTGGAGGCGCAGGCTTTCTCTTACAGCATGAGAGACAAAGCAAGATGATTAATCTC 1671
QY 1671 CTCTGAGGACTAGTCTAGCTAGAATAAACACCCAAA 1708
Db 1672 CTCTGAGGACTGGCCGGTCTGAATAAACACCCAAA 1709

RESULT 2
US-09-182-145-18/c
; Sequence 18, Application US/09182145B
; Patent No. 6387657
;
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
;
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
;
US-09-182-145-18

Query Match 74.8%; Score 1278; DB 4; Length 1734;
Best Local Similarity 88.5%; Pred. No. 0;
Matches 1520; Conservative 0; Mismatches 165; Indels 33; Gaps 11;
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QY 122 TGTAG---CTTGTCTTAAAGTCTTAGCACTTGTGTGGCTTGGCTTACACACTGTCA 178
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Db 1602 TGTGAGGCTCCTGTCTTAACTTTGGCACTTGGGTGGCTTGGGCTTACACACTGTCA 1543
QY 179 GACACCTTGTGTGGCTTCCACGGCTTCACTTCAAGTTTGAAGCTGGCTCCACAAGG 238
    |||||
Db 1542 GACACCTTGTGTGGCTTCCACGGCTTCACTTCAAGTTTGAAGCTGGCTCCACAAGG 1489
QY 239 ACACGGTGCATGAGGGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 298
    |||||
Db 1488 ACACGGTGCATGAGGGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1429
QY 299 TCTCTCAATGTTGTGTGCCAGCTGTGCCGAGACACCTGTACCTGTCTTGAACACCA 358
    |||||
Db 1428 TCTCTCAATGTTGTGTGCCAGCTGTGCCGAGACACCTGTGTCTGTCTTGAACACCA 1369
QY 359 CCAAGTCCCAACAGGGGGTACCCTGTGTGTGATGGCTGTGTGTGTGTGTGTGTGTGT 418
    |||||
Db 1368 CCAAGTCCCAACAGGGGGTACCCTGTGTGTGATGGCTGTGTGTGTGTGTGTGTGTGT 1309
QY 419 ACCGAGGCTGTGGGGAGTCTCTGCGACCACTGCATGTCTGCGACCCAGAGGCTGTGT 478
    |||||
Db 1308 ACCGAGGCTGTGGGGAGTCTCTGCGACCACTGCATGTCTGCGACCCAGAGGCTGTGT 1249
QY 479 TGTGAGCTGTGGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 538
    |||||
Db 1248 TGTGAGCTGTGGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1189
QY 539 CGGTAGCTGTGAGGTGATGCGCGAGGAGTCTGTGATGAGAGACCTTTAAACCAATTG 598
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Db 1188 CGGTAGCTGTGAGGTGATGCGCGAGGAGTCTGTGATGAGAGACCTTTAAACCAATTG 1129
QY 599 CAGGCTCTGTGCGCTGTGATGACGGTGGCTTCACTGTGCTGTGTGTGTGTGTGTGT 658
    |||||
Db 1128 CAGGCTCTGTGCGCTGTGATGACGGTGGCTTCACTGTGCTGTGTGTGTGTGTGTGT 1069
QY 659 TGTGCGGCTGTGCGCTGTGATGACGGTGGCTTCACTGTGCTGTGTGTGTGTGTGTGT 718
    |||||
Db 1068 TGTGCGGCTGTGCGCTGTGATGACGGTGGCTTCACTGTGCTGTGTGTGTGTGTGTGT 1009
QY 719 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGA--CACCGCGATCCAGCGCTCCACGGC 775
    |||||
Db 1008 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGA--CACCGCGATCCAGCGCTCCACGGC 949
QY 776 GCAAGGACCACTTCTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 835
    |||||
Db 948 CCAAGGACCACTTCTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 889
QY 836 TTGAGCACAGCTGGGGGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 895
    |||||
Db 888 CTGAGCACAGCTGGGGGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 829
QY 896 GTCCAACCAAGACCATTTCTGCCAATGTGAATCCAAAGCGCGCTGTGTCTGCCAGACC 955
    |||||
Db 828 ATCCAACCAAGACCATTTCTGCCAATGTGAATCCAAAGCGCGCTGTGTCTGCCAGACC 769
QY 956 CTGCTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1014
    |||||
Db 768 CTGCTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 709
QY 1015 TGGGATACAGGGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 1074
    |||||
Db 708 TGTGATACAGGGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 649
QY 1075 GTAGATGCTCTTCTCATGTCTGTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGT 1134
    |||||
Db 648 GTAGATGCTCTTCTCATGTCTGTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGT 589
QY 1135 AGAGCCACTGAGGAGTCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1194
    |||||
Db 588 AGAGCCCTGTGAGGAGTCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 529
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QY 1195 TCTCTGG--TTACGCTGGAATTTCTGGTTCCTGGCTCATTTCTTCAAAAGATCCCTGT 1252
    |||||
Db 528 TCTCTGATTTGTGACCAAGCTTCTGGGTCTCTGGCTAGTTCCTCAAAAGATCCCTGT 469
QY 1253 ACAAAGGACCAACCAAAAGACCTTTAAACCTTAGCTTAATCTGGGCAAACTGGCAACC 1312
    |||||
Db 468 ATGAAGGACCAACCAAAAGACCTTTAAAGCTTAGCTTAATCTGGGCAAACTGGCAACC 409
QY 1313 GTGCTGGGATAGGTCAATGTTAGG-ACCAGACAGCAATTTGCTGAACTTCCAAATTC 1371
    |||||
Db 408 ATGCTGGGATAGGTCAATGTTAGG-ACCAGACAGCAATTTGCTGAACTTCCAAATTC 349
QY 1372 CTTCTTGAATTTCTGTATGCTTGTCCCAAGATGATGAATCTGTAAGTGTACT 1431
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Db 348 CTTCTTGAATTTCTGTATGCTTGT-CCCAAGATTTAGGTTGACTGTAAGTGTACT 290
QY 1432 TCCTGACCTGAGAACACCTGCTGCTCGGAAAGTATTCAGGGGAGAAATTTCTGTGA 1491
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Db 289 TTCCTGATGTGAGAACACCTGCTGCTCGGAAAGTATTCAGGGGAGAAATTTCTGTGA 243
QY 1492 ACATGAAGAGAT-GAATCAACTGTCTCTTAAAGATTTCCGAAAGTCCAGAACTTGAGC 1550
    |||||
Db 242 ACATGAAGAGATGGAATCACTATTCTTAAAGAGGCTTGGCAAGTCCAGAACTTGAGC 183
QY 1551 TTTGATTTTCAAGGATGACATCTCTTAAAGACTCGCAAAACAGGAAGGCTCCACACT 1610
    |||||
Db 182 TTTGATTTTCAAGGATGACATCTCTTAAAGACTCGCAAAACAGGAAGGCTCCACACT 124
QY 1611 CTGCGAGGCCAGGCTTTCTCTTCAAGCATGAGAAAGACAGGAGCAGAGTACTCTC 1670
    |||||
Db 123 CTGCGAGGCCAGGCTTTCTCTTCAAGCATGAGAGAGACAGGAGCAGAGTACTCTC 64
QY 1671 CTCTGAGGAGTACTGTAGCTTGAATAAACACCCAAA 1708
    |||||
Db 63 CTCTGAGGAGTACTGCGCGGTCTGGAATAAACACCCAAA 26
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RESULT 3
US-09-182-145-13
: Sequence 13, Application US/09182145B
: Patent No. 6387657
: GENERAL INFORMATION:
: APPLICANT: Botstein, David A.
: APPLICANT: Cohen, Robert
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Lawrence, David A.
: APPLICANT: Levine, Arnold J.
: APPLICANT: Pennica, Diane
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
: FILE REFERENCE: P1176R2
: CURRENT APPLICATION NUMBER: US/09/182,145B
: EARLIER FILING DATE: 1998-10-29
: EARLIER APPLICATION NUMBER: US 60/063,704
: EARLIER FILING DATE: 1997-10-29
: EARLIER APPLICATION NUMBER: US 60/073,612
: EARLIER FILING DATE: 1998-02-04
: EARLIER APPLICATION NUMBER: US 60/081,695
: EARLIER FILING DATE: 1998-04-14
: NUMBER OF SEQ ID NOS: 156
: SEQ ID NO 13
: LENGTH: 1293
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-09-182-145-13
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Query Match 32.9%; Score 561.4; DB 4; Length 1293;
Best Local Similarity 78.0%; Pred. No. 1e-152;
Matches 701; Conservative 0; Mismatches 196; Indels 2; Gaps 2;
```


QY	243	GGTGACATGAGGGGACGCCCACTGATTCATCTCTGCGCACTTCTTCTCTGCTCTCTC	302
Db	16	GGGACATGAGAGGCACACCGAAGACCACTTCCTGCGCTTCTCTCTCTGCTCTCTC	75
QY	303	TCAATGCTGTGTGCCAGCTGTGCCGACACCTGTACCTGTCTCTTGACACACCCCCAG	362
Db	76	TCAAAGGTGCGTACCCAGCTGTGCCGACACCAATGTACCTGCCCTGCGCCACTCCCGCA	135
QY	363	TGCCACAGGGGGTACCCCTGTGTGATGCTGTGGCTGTGTAAAGTGTGACAGG	422
Db	136	TGCCCGCTGGAGTACCCCTGTGTGTGATGCTGTGGCTGTGTGCCGGGTATGTGACAGG	195
QY	423	AGGCTGGGGAGTCTGTCCGACCACTGCATGTCTGCCAACCAGCCAGGGCCTGTTGT	482
Db	196	CGGCTGGGGAGCCCTGTCCGACCACTCCACGCTTCCGACGCCAGCCAGGGCCTGTCTGC	255
QY	483	CAGCCTGGGGCAGGCCCTGGCGGCCATGGGGCTGTGTCTCTTTGGATGAGATGACGGT	542
Db	256	CAGCCCGGGGACGACCCGGTGCCGGGGGGCCCTGTGTCTCTTTGGCAGAGGACGACAGC	315
QY	543	AGCTGTGAGTGAATGGCCGACAGTACCTGTGATGAGAGACCTTAAACCAATTGCAGG	602
Db	316	AGCTGTGAGTGAACGGCCGCTGTATCGGAAAGGAGAACCTTCCAGCCCACTGCAGC	375
QY	603	GTCCTGTGCCGCTGTGATGACGGTGGCTTCACTGTCCCTGCGCTGTGACGTAGGATGTG	662
Db	376	ATCCGCTGCCGCTGCGAGGAGCGCGGCTTCACTGTCCGCTGCGCTGTGACGCGAGATGTG	435
QY	663	CGGCTGCCAGCTGGGACTGCCCAACGCCCAAGAGAAATACAGGTGCCAGAAATGTCTGC	722
Db	436	CGGCTGCCAGCTGGGACTGCCCAACGCCCAAGAGGTGAGGTCTGGCAATGTCTGC	495
QY	723	CCCGAGTGGGTATGTGACCAAGGAGTGAACACCGCGCATCCAGCGCTCCACGGCGCAAGGA	782
Db	496	CCTGAGTGGGTGTGCGGCCAAGAGGGGGACTGGGGACCCAGCCCTTCCAGCCCAAGGA	555
QY	783	CACCAACTTCTGCCCCTGTGTACTCTGTGCTCTGTGATGCTCTGTGCCAAATGGAGC	842
Db	556	CCCCAGTTTCTGGCCTTGTCTTCTTCCCTGCCCCCTGGTGTCCCTGCCCCAGATGGAGC	615
QY	843	ACAGCTGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAATAGCCACCCGAGTGTCCAAC	902
Db	616	ACGCTTGGGGGACCTGTCTGACCACTGTGGGCTGGGCAATAGCCACCCGGGTGTCCAAC	675
QY	903	CAGAACGATTTCTGCCAACTGAGATCCAAACGCCGCTGTGTCTGCCAGACCCCTGCTG	962
Db	676	CAGAACCGCTTCTGCCGACTGAGAACCCAGCGCGCTGTGTCTGTCCAGGCCCTGCCCA	735
QY	963	GCAGCCAGGAGCCACAGCTCATGGAACAGTGTCTTCTA-AGGCCAATGGGGATGGGAT	1021
Db	736	CCCTCCAGGGGTGCGAGTCCACAAACAGTCCCTTCTAGAGCCGGGCTGGGAATGGGAC	795
QY	1022	ACAGGCTGCCATCTCTAGCAAAATGACCTTAGGACCCAGGCCCTGGAAGCTGTGTAGATG	1081
Db	796	ACGCTGTCCACCATCCCAAGCTGTGGCCCTGTGCTGGGCCCTGAGTGAAGATG	855
QY	1082	CT-CTTCTCCATGCTCTTGGCTGAGTTAACTGTCTGTGCTTGAATCACTGTGTAGAGC	1139
Db	856	GTCCGTGCCAGGCCCTTGGCTGAGGCAACACTTTAGCTTGGGTCCACCATGCAAGAAC	914

RESULT 4

US-09-182-145-14/c

US-00-102-410-11/0
Sequence 14, Application US/09182145B

Patent No. 6387657

GENERAL INFORMATION:
; PATEIL NO. 8387837

APPLICANT: Botstein. David A.

APPLICANT: Robert

APPLICANT: Cohen, Robert

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Lawrence, David A.

APPLICANT: Levine, Arnold J.

[illegible]

```

; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 14
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-182-145-14

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Query Match	32.9%;	Score 561.4;	DB 4;	Length 1293;
Best Local Similarity	78.0%;	Pred. No. 1e-152;		
Matches 701; Conservative	0;	Mismatches 196;	Indels 2;	Gaps 2.

QY	243	GGTGACATGAGGGGACGGCCACTGATTCATCTTCTGGCCACTTCTCTCTGCTTCTC	302
Db	1278	GGGACATGAGAGGACACCCGAAGACCACCTCTGGCCTTCTCTCTCTCTGCTCTC	1219
QY	303	TCAATGCTGTGTGCCAGCTGTGCCGACACCCCTGTACTGTCTTGGACACCACCCG	362
Db	1218	TCAAAGTGCCTACCCAGCTGTGCCGACACCATGTACTTGCCTCTGGCCACTCCCGA	1159
QY	363	TGCCACAGGGGGTACCCCTGTGTCTGATGGCTGTGGCTGCTGTAAAGTGTGCACGG	422
Db	1158	TGCCCGCTGGAGTACCCCTGTGTCTGATGGCTGTGGCTGCTGCCGGTATGTGCACGG	1099
QY	423	AGGCTGGGGAGTCCCTGCCACCACTGCATGTCTGCCAGCCCGCAGCCAGGGCTGTTGT	482
Db	1098	CGGCTGGGGAGCCCTGCCACCACTGCATGTCTGCCAGCCAGGGCTGTTGT	1039
QY	483	CAGCCTGGGGCAGGCCCTTGGCGGCATGGGGCTGTGTCTCTTGAATGAGATGACGGT	542
Db	1038	CAGCCCGGGCAGGACCCGGTGGCCGGGGGCCCTGTGCTCTTGGCAGAGACGACAGC	979
QY	543	AGCTGTGAGGTGAATGGCCCGCAGGTACCTGATGAGAGACCTTTAAACCAATTGCAGG	602
Db	978	AGCTGTGAGGTGAACGGCCCGCTGTATCGGGAAGGGGAGACCTTCCAGCCCACTGCAGC	919
QY	603	GTCTGTGCCGCTGTGATGACGGTGGCTTACACTCTGCTGCCGCTGTGACTGAGATGTG	662
Db	918	ATCCGTGCCGCTGCCAGGACGGCGGCTTACACTGCTGCCGCTGTGACGAGATGTG	859
QY	663	CGGCTGCCAGCTGGGACTGCCACGCCCCAAGAGAAATACAGGTGCCAGGAAAGTGTGC	722
Db	858	CGGCTGCCAGCTGGGACTGCCACGCCCCAAGAGAGGTGAGGTCTTGGGCAAGTGTGC	799
QY	723	CCCGAGTGGGTATGTGACCAAGGAGTGACACCGGCGATCCAGCGCTCCACGGCGCAAGGA	782
Db	798	CTTGAGTGGGTGTGCGGCCAAGAGGGGACTGGGACCCAGCCCTTCCAGCCCAAGGA	739
QY	783	CACCAACTTCTGCCCTGTCACTCCTGCGCTGTGCTGATGCTCTTGTCCAAATTGAGC	842
Db	738	CCCCAGTTTCTGGCTGTCTCTTCCCTGCCCCCTGTGTCTCCCTGCCAGATGAGC	679
QY	843	ACAGCTGGGGCCCCCTGTCAACCACTGTGGGCTGGGCAAGCCACCGAGTGTCAAC	902
Db	678	ACGGCTGGGGACCCCTGTCAACCACTGTGGGCTGGGCAAGCCACCGAGTGTCAAC	619
QY	903	CAGAACCGATTCTGCCAACTGAGATCCAAACGCGCGCTGTGTGCCCCAGACCTTGCTG	962
Db	618	CAGAACCGCTTCTGCCGACTGAGAACCCAGCGCGCTGTGTGCCCCAGGCGCTTGCCA	559
QY	963	GCAGCCAGGAGCCACAGCTCAATGGAACAGTGTCTTCTA-AGGCCAACTGGGATGCGAT	1021

Db 558 CCTCCAGGGGTGCGAGTCCACAAACAGTGCCTTAGAGCCGGCTGGGATGGGGAC 499

QY 1022 ACAGGGCGCTGCCATCCTCAGCAATGACCCCTAGGACCAGGCCCTGGA CTGTGTAGATG 1081

Db 498 ACGGTGTCACCATCCCCCAGCTGGTGGCCCTGTGCTGGGCCCTGGGCTGATGGAGAATG 439

QY 1082 CT-CTTCTCCATGCTCTTGGCTGCAGTTAACTGTCTCTCTGGATTCACTGTGTAGAC 1139

Db 438 GTCCGTGCCACAGGCCCTTGGCTGCAGGCAACA CATTAGCTTGGCTCCACCATGCAGAAC 380

RESULT 5
US-09-182-145-39
: Sequence 39, Application US/09182145B

```

: Patent No. 6387657
: GENERAL INFORMATION:
: APPLICANT: Botstein, David A.
: APPLICANT: Cohen, Robert
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Lawrence, David A.
: APPLICANT: Levine, Arnold J.
: APPLICANT: Pennica, Diane
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
: FILE REFERENCE: P1176R2
: CURRENT APPLICATION NUMBER: US/09/182,145B
: CURRENT FILING DATE: 1998-10-29
: EARLIER APPLICATION NUMBER: US 60/063,704
: EARLIER FILING DATE: 1997-10-29
: EARLIER APPLICATION NUMBER: US 60/073,612
: EARLIER FILING DATE: 1998-02-04
: EARLIER APPLICATION NUMBER: US 60/081,695
: EARLIER FILING DATE: 1998-04-14
: NUMBER OF SEQ ID NOS: 156
: SEQ ID NO 39
: LENGTH: 841
: TYPE: DNA
: ORGANISM: Artificial sequence
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: 1-841
: OTHER INFORMATION: Sequence is synthesized.
: Patent No. 6387657
: US-09-182-145-39

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[illegible]

QY	543	AGCTGTGAGTGAATGCGCCAGGTACCTTGATGGAGAGACCTTTAAACCCATTTGCAGG	602
Db	306	AGCTGTGAGTGAACGCGCCTGTATCGGGAAGGGAGACCTTCCAGCCCCACTGCAGC	365
QY	603	GTCTGTGCGCGCTGTGATGACCGTGGCTTCACTGCTGCCGTGCCGTGTGCAGTGAAGATGTG	662
Db	366	ATCCGCTGCCGCTGCCAGGACCGCGGCTTCACTGCGTGCCGCTGTGCAGCGAGGATGTG	425
QY	663	CGGCTGCCCAGCTGGGACTGCGCCACGCCCCAAGAGATACAGGTGCCAGGAAGTGTGC	722
Db	426	CGGCTGCCCAGCTGGGACTGCGCCACCCAGAGAGGTCGAGGTCTTGGGCAAGTGTGC	485
QY	723	CCCGAGTGGGTATGTGACCAAGGAGTGACACCGGCGATCCAGCGCTCCACGGCGCAAGGA	782
Db	486	CCTGAGTGGGTGTGCGGCCAAGAGGGGGACTGGGGACCAAGCCCTTCCA--GCCCAAGGA	543
QY	783	CACCAACTTTCTGCCCTTGTCACTCCTGCCTCTGCTGATGCTCTGTGCCAAATTGAGC	842
Db	544	CCCCAGTTTCTGGCCTTGTCTTCCCTGCCCCCTGGTGTCCCTGCCCAAGATGAGC	603
QY	843	ACAGCTGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAAC	902
Db	604	ACGGCTGGGGACCTGTCTGACCACTGTGGGCTGGGCATGGCCACCCGGGTGCCAAC	663
QY	903	CAGAACCGATTCTGCCAACTGGAGATCCAACGCCGCTGTGTCTGCCCAAGCCCTGCTG	962
Db	664	CAGAACCGCTTCTGCCCACTGGAGACCAAGCGCGCTGTGCTGTCCAAGGCCCTGCCCCA	723
QY	963	GCAAGCAGGAGCCACAGCTCATGGAACAGTCTTTCTA-AGGCCAACTGGGGATGCGGAT	1022
Db	724	CCCTCCAGGGGTGCGAGTCCACAATAACAGTCTTCTAGAGCCGGGCTGGGAATGGGAC	783
QY	1022	ACAGGCGCTGCCATCTCAGCAATGACCCCTAGGACCAAGCCCTGGACTGCTGTAGA	1079
Db	784	ACGGTGTCCACCATCCCAAGCTGTGTGGCCCTGTGCTGGGGCCCTGGGCTGATGGAAGA	841

RESULT 6
US-09-182-145-38
; Sequence 38, Application US/09182145B

```

; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 38
; LENGTH: 738
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-182-145-38

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Query Match	29.3%	Score 501.2;	DB 4;	Length 738;
Best Local Similarity	79.9%	Pred. No. 2.2e-135;		
Matches 590; Conservative	0;	Mismatches 148;	Indels 0;	Gaps 0;

QY 1124 ATCACTGTGTAGAC 1139
| | | | |
Db 609 GTCCACCATGCAGAAC 624

RESULT 8

US-08-167-628-1

; Sequence 1, Application US/08167628

; Patent No. 5408040

; GENERAL INFORMATION:

; APPLICANT: Grotenhorst, Gary R.

; APPLICANT: Bradham Jr., Douglas M.,

; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR

; NUMBER OF SEQUENCES: 2

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Spensley Horn Jubas & Lubitz

; STREET: 4225 Executive Square, Suite 1400

; CITY: La Jolla

; STATE: CA

; COUNTRY: US

; ZIP: 92037

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/167,628

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/07/752,427

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Wetherell, Jr. Ph.D., John W.

; REGISTRATION NUMBER: 31,678

; REFERENCE/DOCKET NUMBER: PD-1294

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 619-455-5100

; TELEFAX: 619-455-5110

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 2075 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; IMMEDIATE SOURCE:

; CLONE: DB60R32

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 130..1177

; US-08-167-628-1

Query Match 9.6%; Score 163.8; DB 1; Length 2075;

Best Local Similarity 53.5%; Pred. No. 2.7e-37;

Matches 392; Conservative 0; Mismatches 332; Indels 9; Gaps 2;

QY 242 CGGTGACATGAGGGGAGAGCCCACTGATCCATCTTCTGAGCACTTCCTTCTGCTTCT 301
| | | | |
Db 135 CGCCGCCAGTATGGGCGCCCGCTCCGCGCTTCTGCTTCTTCTGCAAGCG 194
| | | | |
QY 302 CTCAATGCTGTGTGCCAGCTGTGCGCGAGACACCTGTACTGTCTTGGACACCAACCCCA 361
| | | | |
Db 195 GCCGGCGGTGCGGCAAGTGCAGCGGGCGCGTGGCGGAGGAGCGCGCGCG 254
| | | | |
QY 362 GTGCCACAGAGGGGTAACCTGTGCTGTGATGCTGTGCTGTGCTGTAAAGTGTGCACG 421
| | | | |
Db 255 CTGCCCGGCGGCGTGAAGCTGTGCTGAGCGGCTGTGCGGCTGTGCGCGCGCA 314
| | | | |
QY 422 GAGGCTGGGGAGTCTCTGCGACCACTGCATGTCTGCGAGCCCGAGCGAGGGCTGTTTG 481
| | | | |
Db 315 GCACTGGGCGAGCTGTGACCGAGCGCGAGCCCTGCGAGCCCGCAAGGGCTTCTTG 374
| | | | |

QY 482 TCAGCTGGGGCAGGCGCTTGGCGCCATGGGGCTGTGTCTCTTGATGAGATGACCG 541
| | | | |
Db 375 TGACTTGGGCTCCCGGCCAACCGCAAGATCGCGGTG--CACCGCCAAAGATGTGC 431
| | | | |

QY 542 TAGCTGTGAGTGAATGAGCCGAGTACTGTGATGAGAGACCTTAAACCAATTGACG 601
| | | | |
Db 432 TCCCTGATCTTGGTGTACGGTGTACCGAGCGAGAGATCTTCCAGAGCAGTGCAA 491
| | | | |

QY 602 GGTCTGTGCCGCTGTGATGACGGTGGCTTCACTGCTCCGCTGTGAGTGAAGATGT 661
| | | | |
Db 492 GTACCAGTGACAGTGCCTGGAACGGGGGGTGGGCTGCATGCCCTGTGCAAGATGACGT 551
| | | | |

QY 662 GCGGTCGCCAGCTGGGACTGCCAGCGCCCAAGAGATACAGTGCAGGAAAGTCTG 721
| | | | |
Db 552 TCGTGTGCCAGCCCTGACTGCCCTTCCGAGAGGGTCAAGCTGCCCCGGAATGCTG 611
| | | | |

QY 722 CCCCAGTGGGTATGTGACCGAGGAGTGACACCGCGGATCCAGCGCTCCAGCGCGCAAG 781
| | | | |
Db 612 CGAGAGTGGGTGTGTGACGAGCCCAAGAGCAAAACCGTGTGGGCTGCCCCGCGGC 671
| | | | |

QY 782 ACACCACTTCTGCCCTGTGTACTCTGCTCTGC-----TGATGCTCCTGTGTCCAA 835
| | | | |
Db 672 TTACCGACTGGAAGACAGCTTTGGCCAGACCCCACTATGATTAGAGCAACTGCTGTG 731
| | | | |

QY 836 TTGAGACAGAGCTGGGCGCCCTGTCAACCACTGTGGGCTGGGATAGCCACCGGAGT 895
| | | | |
Db 732 CCAGACACAGAGTGAAGCGCGCTGTCCAAAGACTGTGGAGTGGCATCTCCACCGGGT 791
| | | | |

QY 896 GTCCACCAAGAACGATTTCTGCCAAGTGAAGATCCAAAGCGCGCTGTGTGCCAGAGC 955
| | | | |
Db 792 TACCAATGACAAACGCTCTCTGACAGGCTAGAGAAGCAGAGCGCGCTGTGATGTGAGGCC 851
| | | | |

QY 956 CTGCTGGCAGCC 968
| | | | |
Db 852 TTGCGAAGCTGAC 864
| | | | |

RESULT 9

US-08-386-680-1

; Sequence 1, Application US/08386680

; Patent No. 5585270

; GENERAL INFORMATION:

; APPLICANT: Grotenhorst, Gary R.

; APPLICANT: Bradham Jr., Douglas M.,

; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR

; NUMBER OF SEQUENCES: 2

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Spensley Horn Jubas & Lubitz

; STREET: 4225 Executive Square, Suite 1400

; CITY: La Jolla

; STATE: CA

; COUNTRY: US

; ZIP: 92037

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/386,680

; FILING DATE: 10-FEB-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/167,628

; FILING DATE:

; APPLICATION NUMBER: US/07/752,427

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Wetherell, Jr. Ph.D., John W.

; REGISTRATION NUMBER: 31,678

; REFERENCE/DOCKET NUMBER: PD-1294

; TELECOMMUNICATION INFORMATION:

QY	542	TAGCTGTGAGTGAATGGCCCGCAGTA	CCTGGATGAGAGA	CCTTAAACCAATTGCAG	601
Db	432	TCCCTGCATCTTCGGTGGTACCGTGT	AACCGCAGCGGAGA	GTCCTTCAGAGCAGCTGCCAA	491
QY	602	GGTCCTGTGCGGCTGTGATGACGGTGG	CTCACTGCGGCTGTGCA	TGAGTAGGATGT	661
Db	492	GTACCAGTGACAGTGCCTGGACGGGGCG	GTGGGCTGCATGCCCCGTGTGCA	GATGGA	551
QY	662	GCGGCTGCCAGCTGGACTGCCACGCCCA	AGAAATACAGGTGCCAGGAAGTGTG	721	
Db	552	TGCTGTGCCAGCCCTGACTGCCCTTTC	CCGAGGAGGTCAAGCTGCCGGGAATGCTG	611	
QY	722	CCCCGAGTGGGTATGTGACCAAGGAGT	GCACCGCGATCCAGCGCTCACGGCGCAA	781	
Db	612	CGAGGAGTGGGTGTGTGACGAGGCCA	AGAACCAACGTGTTGGGCTGCCCCTGCGGC	671	
QY	782	ACAACCACTTTCTGCCCTTGTCACTCC	TGCTGCTGTC-----TGATGCTCCTGTGCCAAA	835	
Db	672	TTACCGACTGGAAGACACGTTTGGCC	CAGACCCAATACTATGATTAGAGCCA	ACTGCTGTGT	731
QY	836	TTGGAGCACAGCCTGGGGCCCTGTCTCA	ACCACTGTGGGCTGGCATAGCCACCCGAGT	895	
Db	732	CCAGACCAACAAGATGGAGCGCCTGT	TCCAGACCTGTGGATGGGCATCTCCACCCGGGT	791	
QY	896	GTCCCAACCAAGAACCGATTCTGCCCA	CTGGAGATCCCAACGCCCGCCTGTGTCTGCCCA	955	
Db	792	TACCAATGACAAACGCCCTCCTCTGA	GCGTAgAGAAACAGAGCCCGCCTGTGCATG	851	
QY	956	CTGCCTGGCAGCC	968		
Db	852	TTGCGAAGCTGAC	864		

RESULT 11
US-08-712-302-1
Sequence 1, Application US/08712302
Patent No. 5783187
GENERAL INFORMATION:
APPLICANT: Grotendorst, Gary R.
APPLICANT: Bradham Jr., Douglas M.,
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/712,302
FILING DATE: 11-SEP-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/386,680
FILING DATE: 10-FEB-1995
APPLICATION NUMBER: US/08/167,628
FILING DATE:
APPLICATION NUMBER: US/07/752,427
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: DB60R32
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 130..1177
;
US-08-712-302-1

```

Query Match	9.6%;	Score 163.8;	DB 1;	Length 2075;
Best Local Similarity	53.5%;	Pred. No. 2.7e-37;		
Matches 392;	Conservative 0;	Mismatches 332;	Indels 9;	Gaps 2;

[illegible]

RESULT 12
US-08-880-031-1
; Sequence 1, Application US/08880031

Patent No. 5916756
GENERAL INFORMATION:
APPLICANT: Grotendorst, Gary R.
APPLICANT: Bradham Jr., Douglas M.,
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/880,031
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/167,628
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Weherrell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-08-880-031-1

Query Match 9.6%; Score 163.8; DB 2; Length 2075;
Best Local Similarity 53.5%; Pred. No. 2.7e-37;
Matches 392; Conservative 0; Mismatches 332; Indels 9; Gaps 2;
QY 242 CGGTGACATGAGGGGAGCCGACCTGATTCATCTTCTGGCCACTTCTCTCTGCTTCT 301
DB 135 CGCGCGCATATGGGCCCCGTCGCGCTGCTTCTGCTCTCTCTGCTCTGAGCCG 194
QY 302 CTCAATGCTGTGTGCCAGCTGTGCCGACACCCCTGTACCTGTCTTGGACACACCCCA 361
DB 195 GCCGCGCGTCCGACAGACTGACAGCGGCGCTGCCGCGGACGAGCCGCGCGCG 254
QY 362 GTGCCACAGGGGGTACCCCTGTGCTGATGGCTGTGCTGTAAAGTGTGACG 421
DB 255 CTGCCCCGGGGCGTGAACCTGTGCTGACGCGCTGCGCTGCTGCGCTGCGCAA 314
QY 422 GAGGCTGGGGAGTCTCTGCGACCACTGATGTCGACCCCAAGCCAGGGCTGTTG 481
DB 315 GCAGCTGGGGGAGCTGTGACACCGAGCGGACCCCTGCGACCCGCAAGGGCTTCTG 374
QY 482 TCAGCCTGGGGGAGGGCCCTGGCGGCGCAATGGGGCTGTGTCTCTTGGATGAGATGACG 541
DB 375 TGACTTGGCTCCCGCGCAACCGCAAGATCGCGCTGTG---CACCGCCAAAGATGTGC 431
QY 542 TAGCTGTGAGGTGAATGGCGCGCAAGTACTGTGATGAGAGACCTTTAAACCAATGACG 601
DB 432 TCCCTGACATCTTGGGTGTACGGGTGTACCGGACGCGAGAGTCTCTTCCAGACGAGTCA 491

QY 602 GGTCTGTGCGCGCTGTGATGACGCTGCTTCACTGCTGCGGCTGTGACGTAGAGATGT 661
DB 492 GTACCACTGACACGTGCTGACCGGGCGGTGGCTGCATGCCCCCTGTGACGATGACGT 551
QY 662 GCGGCTGCCAGCTGGGACTGCCCCACGCCCCAAGAGATACAGGTGCCAGGAAGTCTG 721
DB 552 TCGTGTGCCAGCCCTGACTGCCCCCTTCCGAGAGAGGTCAAGCTGCCCCGGAATGCTG 611
QY 722 CCCCAGTGGGTATGTGACCGAGAGTGACACCGCGATCCAGCGCTCCACGGCGCAAG 781
DB 612 CGAGAGTGGGTGTGTGACGAGCCCAAGAGCAAAACCGTGTGGGCTGCCCCCTGCGCG 671
QY 782 ACACCACTTCTGCCCCCTGTGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 835
DB 672 TTACCGACTGGAAGACACGTTTGGCCGACACCACTATGATTAGGCCAAGCTGCTGCT 731
QY 836 TTGAGACAGCCTGGGGCGCCCTGCTGACCACTGCTGCTGCTGCTGCTGCTGCTGCTG 895
DB 732 CCAGACCAAGAGTGAAGCGCTGTTCCAAAGACCTGTGGATGGGCACTCCACACCGGGT 791
QY 896 GTCCAAACCAAGCAGATTTGCACTGAGATCCAAAGCGCGCTGTGTGCTGCCAGACC 955
DB 792 TACCAATGACACGCTCTCTGACGAGCTAGAGAGCAGAGCGCGCTGTGATGTACAGGCC 851
QY 956 CTGCTGCGCAGCC 968
DB 852 TTGCGAAGCTGAC 864

RESULT 13
US-09-097-179-1
Sequence 1, Application US/09097179
Patent No. 6149916
GENERAL INFORMATION:
APPLICANT: Grotendorst, Gary R.
APPLICANT: Bradham Jr., Douglas M.,
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/097,179
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/386,680
FILING DATE: 10-FEB-1995
APPLICATION NUMBER: US/08/167,628
FILING DATE:
APPLICATION NUMBER: US/07/752,427
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Weherrell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-09-097-179-1

Query Match 9.6%; Score 163.8; DB 3; Length 2075;
Best Local Similarity 53.5%; Pred. No. 2.7e-37;
Matches 392; Conservative 0; Mismatches 332; Indels 9; Gaps 2;

QY 242 CGGTGACATGAGGGGAGAGCCCACTGATCCATCTTCTGGCACTTCTCTGCTTCT 301
DB 135 CGCCGCCAGTATGGGCCCCCGTCGCGCTGCTTCTGCTCTCTCTGAGCCG 194
QY 302 CTCAATGTTGTGTCCTGACCTGTGCGGACACCTGTACCTGTCTTGACACCAACCCCA 361
DB 195 GCCGCGCGTGGCCAGAACTGACAGCGGCGCTGCGGCTGCGGCGGAGAGCGCGCGCG 254
QY 362 GTGCCACAGAGGGTAACCCCTGTGTGATGCTGTGCTGTGCTGTAAAGTGTGACAG 421
DB 255 CTGCCCCGGCGCGCTGAGCCTCTGTGTGAGCGCTGCGGCTGCTGCGCGCTGCGCAA 314
QY 422 GAGGCTGGGGAGTCTCTGCGACCACTGATCTGCGACCCAGCCAGCGCGCTGTTG 481
DB 315 GCAGCTGGGCGAGCTGTGACACCGAGCGCGACCCCTGCGACCCGACAGGGCCTTCTG 374
QY 482 TCAGCCTGGGGCAGGCGCTGCGCGGCGCTGCGGCTGTGTCTCTTGATGAGATGACGG 541
DB 375 TGACTTGGCTCCCCGCGCAACCGCAAGATCGCGGTGTG---CACCGCAAAGATGTTGC 431
QY 542 TAGCTGTGAGTGAATGCGCGCAGAGTACCTGTGATGAGAGACCTTTAAACCAATTGCA 601
DB 432 TCCCTGCATCTTGGGTGTAAGGTGTACCGACGAGAGAGTCTTCCAGAGAGCTGCAA 491
QY 602 GGTCTGTGCGCGCTGTGATGACGGTGGCTTCACTGCTGCGGCTGTGACGAGATGT 661
DB 492 GTACCAAGTGCACGTGCTGAGACGGGCGGTGGGCTGCATGCCCCCTGTGACAGTGA 551
QY 662 GCGGCTGCCAGCTGGGACTGCCCCACGCCCCAAGAGATAACAGGTGCAGAAAGTGTG 721
DB 552 TCGTCTGCCAGCCTGACTGCCCCCTTCCGAGGAGGTCAAGCTGCCCGGAAATGCTG 611
QY 722 CCCCAGTGGTATGTGACAGGAGGTGACACCGCGCATCCAGCGCTCCAGCGCGCAAG 781
DB 612 CGAGGAGTGGGTGTGTGAGAGCCCAAGGACCAACCGTGTGGGCTGCGCGCG 671
QY 782 ACACCACTTCTGCGCTTGTCACTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 835
DB 672 TTACCGACTGGAAGACAGCTTTGGCCCAAGACCACTATGATTAGAGCCACTGCTGT 731
QY 836 TTGAGACACAGCTGGGCGCGCTGCTCAACCACTGTGGGCTGGGATAGCCACCGAGT 895
DB 732 CCAAGACACAGAGTGGGCGCTGCTCAAGACCTGTGGGATGGGATCTCCACCGCGGT 791
QY 896 GTCCAAACAGAACCGATTCTGCACTGAGATCCACGCGCGCTGTGTCTGCGCAGAGC 955
DB 792 TACCAATGACAAAGCCTCTGACAGCTAGAGAAAGCAGAGCGCGCTGTGATGTGAG 851
QY 956 CTGCTGGGAGCC 968
DB 852 TTGCGAAGCTGAC 864

RESULT 14
US-09-080-715-1
Sequence 1, Application US/09080715
Patent No. 6130884
GENERAL INFORMATION:
APPLICANT: Grotenendorst, Gary R.

APPLICANT: Bradham Jr., Douglas M.,
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/080,715
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/167,628
FILING DATE:
APPLICATION NUMBER: US/07/752,427
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-09-080-715-1

Query Match 9.6%; Score 163.8; DB 3; Length 2075;
Best Local Similarity 53.5%; Pred. No. 2.7e-37;
Matches 392; Conservative 0; Mismatches 332; Indels 9; Gaps 2;

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DB 135 CGCCGCCAGTATGGGCCCCCGTCGCGCTGCTTCTGCTCTCTCTGAGCCG 194
QY 302 CTCAATGTTGTGTCCTGACCTGTGCGGACACCTGTACCTGTCTTGACACCAACCCCA 361
DB 195 GCCGCGCGTGGCCAGAACTGACAGCGGCGCTGCGGCTGCGGCGGAGAGCGCGCG 254
QY 362 GTGCCACAGAGGGTAACCCCTGTGTGATGCTGTGCTGTGCTGTAAAGTGTGACAG 421
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QY 422 GAGGCTGGGGAGTCTCTGCGACCACTGATCTGCGACCCAGCCAGCGCGCTGTTG 481
DB 315 GCAGCTGGGCGAGCTGTGACACCGAGCGCGACCCCTGCGACCCGACAGGGCCTTCTG 374
QY 482 TCAGCCTGGGGCAGGCGCTGCGCGGCGCTGCGGCTGTGTCTCTTGATGAGATGACGG 541
DB 375 TGACTTGGCTCCCCGCGCAACCGCAAGATCGCGGTGTG---CACCGCAAAGATGTTGC 431
QY 542 TAGCTGTGAGTGAATGCGCGCAGAGTACCTGTGATGAGAGACCTTTAAACCAATTGCA 601
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QY 602 GGTCCGTGCGCTGTGATGACGGTGGCTTCACTGCGCTGCTGTGACAGTGAAGATGT 661
Db 492 GTACCAAGTACAGCTGCTGACGCGGCGGTGGCTGCATGCCCCCTGTGACATGAGCGT 551
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Db 672 TTACCGACTGGAAGACAGCTTTGGCCAGACCAACTATGATTAGAGCCAACTGCGTGT 731
QY 836 TTGAGACACAGCTGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCATAGCCACCGGAGT 895
Db 732 CCAGACCAACAGAGTGAAGCGCTGTTCACAGACTGTGGGATGGGCATCTCCACCCGGGT 791
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QY 956 CTGCTGGCAGCC 968
Db 852 TTGCGAAGCTGAC 864
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RESULT 15

US-09-142-569-7
Sequence 7, Application US/09142569

Patent No. 6413735

GENERAL INFORMATION:

APPLICANT: Lau, Lester F.

TITLE OF INVENTION: Extracellular Matrix Signalling Molecules

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borum

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/142,569

FILING DATE: 02-Apr-1999

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Clough, David W.

REGISTRATION NUMBER: 36,107

REFERENCE/DOCKET NUMBER: 28758/33766

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312/474-6300

TELEFAX: 312/474-0448

TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 2075 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: "CTGF cDNA coding sequence"

US-09-142-569-7

Query Match 9.6%; Score 163.8; DB 4; Length 2075;
Best Local Similarity 53.5%; Pred. No. 2.7e-37;
Matches 392; Conservative 0; Mismatches 332; Indels 9; Gaps 2;

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QY 242 CGGTGACATGAGGGGAGAGCCCACTGATCCATCTTCTGGCCACTTCTCTGCTGCTTCT 301
Db 135 CGCGGCAGATAGGGCCCCCGTCGCGCTGCGCTTCTGTTGTTCTCTGCTGCTGAGCCG 194
QY 302 CTCAATGTTGTGTGCCAGCTGTGCCGACACCCTGTACCTGTCTTGGACACCAACCCCA 361
Db 195 GCCGCGGTCCGGCCAGAACTGCAAGCGGGCGTGCCTGTCGCCGACGAGCGCGCGCG 254
QY 362 GTGCCACAGGGGGTACCCCTGTGTGATGAGTGTGCTGTGCTGTAAAGTGTGTGACG 421
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Db 315 GCAGCTGGCGAGCTGTGACACCGAGCGGACCCCTGCGACCCGCAAGGGCGCTTCTG 374
QY 482 TCAGCTGGGGCAGGCGCTGGCGGCATGGGGCTGTGTCTCTTGGATGAGATGACG 541
Db 375 TGACTTGGCTCCCGGCCAACCGCAAGATCGGCGTGTG---CACCGCAAGATGTGTC 431
QY 542 TAGCTGTGAGTGAATGCGCGCAGTACCTGATGAGAGACCTTTAAACCAATTGACG 601
Db 432 TCCCTGCATCTTGGTGTGATCGGTGACCGTACCGAGAGAGTCTTCCAGACAGCTGCA 491
QY 602 GGTCTGTGCGCTGTGATGACGGTGGCTTCACTGCTGCGCTGTGTGACGTGAGATGT 661
Db 492 GTACCAAGTACAGCTGCTGACGCGGCGGTGAGCTGATGCCCTGTGACATGAGCGT 551
QY 662 GCGGCTGCCAGCTGGGACTGCCCCACGCCCCAAGAGATATACAGGTGCCAGGAAAGTGTG 721
Db 552 TCGTCTGCCAGCGCTGACTGCCCCCTTCCGAGAGAGGTCAAGCTGCCCCGGGAAATGCTG 611
QY 722 CCCCCAGTGGTATGTGACCAAGGAGTGAACCGCGATCCAGCGCTCCACGCGCAAG 781
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QY 782 ACACCAACTTTCTGCTCTGTCACTCCTGCTCTGC-----TGATGCTCTGTCCAAA 835
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Db 732 CCAGACCAACAGAGTGAAGCGCTGTTCACAGACTGTGGATGGGCATCTCCACCCGGGT 791
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QY 956 CTGCTGGCAGCC 968
Db 852 TTGCGAAGCTGAC 864
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Job time : 150.676 secs

GenCore version 5.1.6
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OW nucleic - nucleic search, using sw model

Run on: May 9, 2004, 05:00:41 ; Search time 758.609 Seconds
(without alignments)
10199.232 Million cell updates/sec

Title: US-10-010-408-1
Perfect score: 1708
Sequence: 1 GACGCTTCGATCTCCAGAG.....GCCTAGATAAACACCCCAA 1708

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2941586 seqs, 2264995651 residues

Total number of hits satisfying chosen parameters: 1 5883172

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1708	100.0	1708	US-10-010-408-1	Sequence 1, Appli
2	1278	74.8	1734	US-10-112-267-17	Sequence 17, Appl
3	1278	74.8	1734	US-10-112-267-18	Sequence 18, Appl
4	753	44.1	753	US-10-010-408-3	Sequence 3, Appli
5	681	39.9	681	US-10-010-408-12	Sequence 12, Appl
6	566.8	33.2	1337	US-09-915-582-30	Sequence 30, Appl
7	566.8	33.2	1337	US-10-277-802-30	Sequence 30, Appl
8	566.6	33.2	1352	US-09-915-582-14	Sequence 14, Appl
9	566.6	33.2	1352	US-10-277-802-14	Sequence 14, Appl
10	561.4	32.9	1266	US-10-147-493-319	Sequence 319, App
11	561.4	32.9	1266	US-10-145-127-319	Sequence 319, App
12	561.4	32.9	1266	US-10-160-503-319	Sequence 319, App
13	561.4	32.9	1266	US-10-143-118-319	Sequence 319, App
14	561.4	32.9	1266	US-10-144-993-319	Sequence 319, App

15	561.4	32.9	1266	13	US-10-158-787-319	Sequence 319, App
16	561.4	32.9	1266	13	US-10-140-024-319	Sequence 319, App
17	561.4	32.9	1266	13	US-10-140-808-319	Sequence 319, App
18	561.4	32.9	1266	13	US-10-152-405-319	Sequence 319, App
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20	561.4	32.9	1266	13	US-10-127-900A-319	Sequence 319, App
21	561.4	32.9	1266	13	US-10-128-685A-319	Sequence 319, App
22	561.4	32.9	1266	13	US-10-131-820A-319	Sequence 319, App
23	561.4	32.9	1266	13	US-10-142-886-319	Sequence 319, App
24	561.4	32.9	1266	13	US-10-146-728-319	Sequence 319, App
25	561.4	32.9	1266	13	US-10-146-786-319	Sequence 319, App
26	561.4	32.9	1266	13	US-10-147-499-319	Sequence 319, App
27	561.4	32.9	1266	13	US-10-157-798-319	Sequence 319, App
28	561.4	32.9	1266	15	US-10-028-072-319	Sequence 319, App
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36	561.4	32.9	1266	15	US-10-140-474-319	Sequence 319, App
37	561.4	32.9	1266	15	US-10-142-431-319	Sequence 319, App
38	561.4	32.9	1266	15	US-10-143-114-319	Sequence 319, App
39	561.4	32.9	1266	15	US-10-140-002-319	Sequence 319, App
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42	561.4	32.9	1266	15	US-10-142-423-319	Sequence 319, App
43	561.4	32.9	1266	15	US-10-121-050-319	Sequence 319, App
44	561.4	32.9	1266	15	US-10-141-755-319	Sequence 319, App
45	561.4	32.9	1266	15	US-10-143-032-319	Sequence 319, App

ALIGNMENTS

RESULT 1
US-10-010-408-1
Sequence 1, Application US/10010408
Publication No. US20020165185A1
GENERAL INFORMATION:
APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CGN-Like Molecules
and Uses Therefor
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

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; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 1708 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: cDNA
;   FEATURE:
;     NAME/KEY: CDS
;     LOCATION: 249..1001
;     SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-010-408-1

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Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1708; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

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QY	61	GCTGGCAGTGGCTTGGAATGAGGCTTTATTACTGGGAATGAGGAGCTAAGAGGCTC	120
Db	61	GCTGGCAGTGGCTTGGAATGAGGCTTTATTACTGGGAATGAGGAGCTAAGAGGCTC	120
QY	121	CTGTCAAGCTTGTCCTAAGCTTTAGCACTTGTGTGGCTTGGGCTTCAACACTGTGAGA	180
Db	121	CTGTCAAGCTTGTCCTAAGCTTTAGCACTTGTGTGGCTTGGGCTTCAACACTGTGAGA	180
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; Sequence 17, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.

Publication No. US20030068678A1
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Guirney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 18
LENGTH: 1734
TYPE: DNA
ORGANISM: Mus musculus
US-10-112-267-18

Query Match 74.8%; Score 1278; DB 15; Length 1734;
Best Local Similarity 88.5%; Pred. No. 0;
Matches 1520; Conservative 0; Mismatches 165; Indels 33; Gaps 11;

QY 3 CGCTTGTGATCTCCAGAGAGACCCCTGGGGTGGGACAGGGGCTTGGCAAGGCTGCAGCCGC 62
DB 1722 CGCTCCTGATCTCCAGAGAGACCCCGGGCTGGGACAGGGGCTTGGCGAGGCTGCAGCCTGC 1663
QY 63 TGGAGAGGCTTGAATGAGGCTTTTAACTGTTGGAAGCTGAGAGCTTAAGAGGCTCC 121
DB 1662 TGTGACAGTACCTGGAGTGGAGCTTTCTTGTGGAAGCTGAGAGCTGAGAGGCTCC 1603
QY 122 TGTGAG--CTTGTCTTAAAGTCTTAAGCTTGTGTTGGCTTGGCTTCAACACTGTCA 178
DB 1602 TGTGAGGCTCCTGTCTTAACTTGTGCACTTGGCTTGGCTTGGCTTCAACACTGTCA 1543
QY 179 GACACCTTCTGTGGCTCCACGGGCTCACTTCAAGTTGAAGCTGGCTCCACAAGG 238
DB 1542 GACACCTTCTGTGGCTCCCTCGGCC-----TCAGTTTGAAGCTGGCTCCACAAGG 1489
QY 239 ACACGGTGAATAGAGGGGACGCCCACTGATTCATCTTGGCACTTCTCTCTGCT 298
DB 1488 ACACGGTGAATAGAGGGGACGCCCACTGATTCATCTTGGCACTTCTCTCTGCT 1429
QY 299 TCTCTCAATGTGTGTGCCCCAGCTGTGCCGACACCCCTGTACCTGTCTTGGACACCA 358
DB 1428 TCTCTCAATGTGTGTATTCACAGCTGTGCCGACACCCCTGTGTCTTGGACACCA 1369
QY 359 CCAGTCCCCACAGGGGTAACCCCTGTGTGTGATGGCTGTGGCTGTCTTAAAGTGTGC 418
DB 1368 CCAGTCCCCACAGGGGTAACCCCTGTGTGTGATGGCTGTGGCTGTCTTGAAGTGTGC 1309
QY 419 ACAGAGCTGGGGAGTCTGTGCAACCACTGATGTCTGCAACCCAGCCAGGGGCTGTG 478
DB 1308 ACAGAGCTGGGGAGTCTGTGCAACCACTGATGTCTGCAACCCAGCCAGGGGCTGTG 1249
QY 479 TTGTACGCTGGGGAGGCTTGGCGGCACTGGGCTGTGTGTCTTTGGATGAGGATGA 538
DB 1248 TTGTACGCTGGGGAGGCTTGGCGGCACTGGGCTGTGTGTCTTTGGAAGGATGA 1189
QY 539 CGGTAGCTGTGAGTGAATGGCCGAGGTACCTGATGAGAGACCTTTAAACCAATTG 598

DB 1188 CGGAGCTGTGAGGTGAATGGCCGACAGTAACCTGGATGGGAGACCTTTAAACCAATTG 1129
QY 599 CAGGTCCTGTGCGCGCTGTGATGACGGTGGCTTACCTGCTGCCGTGTGCAGTGAGA 658
DB 1128 CAGGTTTGTGCGCGCTGTGATGACGGTGGTTTCACTGCTGCCGTGTGCAGTGAGA 1069
QY 659 TGTGCGGCTGCCAGCTGGGACTGCCAGCCCCCAAGAGATACAGGTGCCAGGAAAGTG 718
DB 1068 TGTGCGGCTGCCAGCTGGGACTGCCAGCCCCCAAGAGATACAGGTGCCAGGAAAGTG 1009
QY 719 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGA---CACCGGATCCAGCGCTCCAGGC 775
DB 1008 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGAAGCCGCAATCCAGCCCTCTCAGC 949
QY 776 GCAAGACACCACTTCTGCGCTTGTCACTCTGCTCTGTGATGCTCTTGTCCAAA 835
DB 948 CCAAGACACCACTTCTGCGCTTGTCACTCTGCTCTGTGATGCTCTTGTCCAAA 889
QY 836 TTGAGACAGCTGGGGGCGCGCTGTCAACCACTGTGGGCTGGCATAGCCACCGAGT 895
DB 888 CTGAGACAGCTGGGGGCGCGCTGTCAACCACTGTGGGCTGGCATAGCCACCGAGT 829
QY 896 GTCCAACCAAGACCAATTTGTGCCAAGTGGAGATCCAAAGCCGCTGTGTGCCAGACC 955
DB 828 ATCCAACCAAGACCAATTTGTGCCAAGTGGAGATCCAAAGCTGTGTGTGTCCAGACC 769
QY 956 CTGCTGGCAGCCAGGACCAAGCTCATGTAAGAGTCTTTTAAAGCCA-AGTGGGGA 1014
DB 768 CTGCTGGCAGCCAGGACCAAGCTCATGTAAGAGTCTTTTAAAGCCAAGTGGGGA 709
QY 1015 TGGGATACAGGGCTGCCATCTCTAGCAAAATGACCTTAGACCAAGGCTGTGACTGTG 1074
DB 708 TGTGATACAGGGCTGCCATCTCTAGCAAAATGATGCTTAGACCAAGGCTGTGACTGTG 649
QY 1075 GTAGATGCTCTTCTCAATGCTCTTGGCTGCAATTAAGTCTGCTGTGATTCAGTGTG 1134
DB 648 GTAGATGCTCTTCTCAATGCTCTTGGCTGCAATTAAGTCTGCTGTGATTCAGTGTG 589
QY 1135 AGAGCACTGAGCGATCCCTGCTCTGTGTGAGGTAGCGGAGACAGGTGACCAAGCTCCAGT 1194
DB 588 AGAGCTCTGAGCGATCCCTGCTCTGTGTGAGGTAGCGGAGACAGGTGACCAAGCTCCAGT 529
QY 1195 TCTCTG--TTAGCCTTGAATTTCTGGGTTCTCTGGCTCATTCCTCAAAACATCCCTGT 1252
DB 528 TCTCTGATTTGACCCAGGCTTCTGGGTTCTCTGGCTCATTCCTCAAAACATCCCTGT 469
QY 1253 ACAAAAAGACAAACCAAAAGACCTTTAAACCTAGCTAATCTGGGCAAACTGGCCACC 1312
DB 468 ATGAAAAGACAAACCAAAAGACCTTTAAAGCTAATCTGGGCAAACTGGCCACC 409
QY 1313 GTGCTGGGATTAAGTCAATGTTAGG-ACCAGACAGCAGATTTGCTGAAATCTTCCAATT 1371
DB 408 ATGCTGGGATTAAGTCAATGTTAGG-ACCAGACAGCAGATTTGCTGAAATCTTCCAATT 349
QY 1372 CCTTCTTGAATTTCTGATGCTGTGCCCAAGATGATGAATCTGTAAGTGTACT 1431
DB 348 CCTTCTTGAATTTCTGATGCTGTGCCCAAGATGATGAATCTGTAAGTGTACT 290
QY 1432 TCCCTGACCTGAGAACACCCCTGCTCTGGGAAGTATTCAGGGGCAAGATTTCTGTGA 1491
DB 289 TCCCTGATCTGAGAACACCCCTGCTCTGGGAAGTATTCAGGGGCAAGATTTCTGTGA 243
QY 1492 ACATGAAGAGAT-GAATCAGCTGTCTTAAGAAATTCCTGAAGTCCAGGAATTTGAGC 1550
DB 242 ACATGAAGAGATGGAATCAGCTAATTTCTTAAGAGCGTTTCCAGATCCAGGAATTTGAGC 183
QY 1551 TTTGTATTTTCAAGATGCAATCTTTTAAGCACTGCCAAAACAGAAAGGCTCCACACT 1610
DB 182 TTTGTATTTTGAATAATACATCTCTTAATATGCTCACAAGCAAG-AGGCTCCACACTT 124
QY 1611 CTGGCAGGCCAGGGCTTTCTTTCAGCATGAGAAAGACAAAGGACAGAGTACTCTC 1670
DB 123 CTGGCAGGCCAGGGCTTTCTTTCAGCATGAGAGAGACAAAGAACAGTAACTACCTC 64

QY 1671 CTCTGGAGACTAGTCTAGCCTAGATAAACACCCAAA 1708
Db 63 CTCTGGAGACTGGCCCCGGTCTGGAATAAACACCCAAA 26

RESULT 4

US-10-010-408-3
; Sequence 3, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CCN-Like Molecules
; and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 753 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..750
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-010-408-3

Query Match 44.1%; Score 753; DB 14; Length 753;
Best Local Similarity 100.0%; Pred. No. 1.2e-235;
Matches 753; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 249 ATGAGGGGACCCCACTGATCCATCTTCTGGCACTTCTCTGCTCTCTCAATG 308
Db 1 ATGAGGGGACCCCACTGATCCATCTTCTGGCACTTCTCTGCTCTCTCAATG 60
QY 309 GTGTGTGCCAGCTGTGCGGAGACACCCTGTACTGTCTTGGACACCAACCCAGTGCCCA 368
Db 61 GTGTGTGCCAGCTGTGCGGAGACACCCTGTACTGTCTTGGACACCAACCCAGTGCCCA 120
QY 369 CAGGGGGTACCCCTGTGTGTGATGGCTGTGGCTGTGTAAAGTGTGTGACGAGGCTG 428
Db 121 CAGGGGGTACCCCTGTGTGTGATGGCTGTGGCTGTGTAAAGTGTGTGACGAGGCTG 180
QY 429 GGGAGAGTCTGCGACCACTGATGTCTGCGAACCCCAAGGCGCTGGTTGTCAAGCT 488

Db 181 GGGAGAGTCTGCGAACCACTGATGTCTGCGAACCCCAAGGCGCTGGTTGTCAAGCT 240
QY 489 GGGGAGGCGCTGGCGCCATGGGGCTGTGTCTCTTGGATGAGATGACGCTAGCTGT 548
Db 241 GGGGAGGCGCTGGCGCCATGGGGCTGTGTCTCTTGGATGAGATGACGCTAGCTGT 300
QY 549 GAGGTGAATGCGCCGACAGTACCTGTGATGAGAGACCTTTAAACCAATTGACGGCTCTG 608
Db 301 GAGGTGAATGCGCCGACAGTACCTGTGATGAGAGACCTTTAAACCAATTGACGGCTCTG 360
QY 609 TGCCGCTGTGATGACGGTGTGCTTCACTGCTGCCGCTGTGACGTGAGATGTGCGGCTG 668
Db 361 TGCCGCTGTGATGACGGTGTGCTTCACTGCTGCCGCTGTGACGTGAGATGTGCGGCTG 420
QY 669 CCCAGCTGGACTGCCCCACGCCCCCAAGATATACAGGTGCCAGAAAGTGTGCCCCGAG 728
Db 421 CCCAGCTGGACTGCCCCACGCCCCCAAGATATACAGGTGCCAGAAAGTGTGCCCCGAG 480
QY 729 TGGGTATGTGACCAAGGAGTGACACCGGCGATCCAGCGCTCCACGGCGCAAGACACCAA 788
Db 481 TGGGTATGTGACCAAGGAGTGACACCGGCGATCCAGCGCTCCACGGCGCAAGACACCAA 540
QY 789 CTTTCTGCCCTTGTCACTCCTGCTGTGATGCTCTTGTCCAAATTGAGACACAGCC 848
Db 541 CTTTCTGCCCTTGTCACTCCTGCTGTGATGCTCTTGTCCAAATTGAGACACAGCC 600
QY 849 TGGGGCCCTGCTCAACCACTGTGGCTGGGCATAGCCACCCGAGTGTCCACAGAAC 908
Db 601 TGGGGCCCTGCTCAACCACTGTGGCTGGGCATAGCCACCCGAGTGTCCACAGAAC 660
QY 909 CGATTTCGCCAATGAGATCCAAACGCGCTGTGTCTGCCAGACCCCTGCTGGCAGCC 968
Db 661 CGATTTCGCCAATGAGATCCAAACGCGCTGTGTCTGCCAGACCCCTGCTGGCAGCC 720
QY 969 AGAGCCACAGCTCATGGAACAGTGTCTTCTAA 1001
Db 721 AGAGCCACAGCTCATGGAACAGTGTCTTCTAA 753

RESULT 5

US-10-010-408-12
; Sequence 12, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CCN-Like Molecules
; and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207

Db 594 GCCTTGTCTCTTCCCTGCCCCCTGCTGTGTCCTCCCTGCCCCAGATGAGACAGGCGCTGGGAC 653
QY 856 CCTGCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAAACGAGAACCGATTCT 915
Db 654 CCTGCTGACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAAACGAGAACCGATTCT 713
QY 916 GCCAAGTGAAGATCCAAACGCGGCTGTGTGCTCCAGACCCCTGCTGGCAGCCAGAGCC 975
Db 714 GCCGACTGAGAGACCGCGCGCTGTGCTGTCCAGGCCCTGCCCCACCTCCAGGGGTC 773
QY 976 ACAGCTCATGAAACAGTCTTTCTA-AGGCCAAGTGGGATGCGATACAGGCGCTGCCA 1034
Db 774 GCAGTCCACAAACAGTCCCTTCTAGAGCCGGGCTGGGATGGGACACGGTGTCCACCA 833
QY 1035 TCCTCAGCAAAATGACCTTAGGACCAAGCCCTGAGCTGCTGTAGATGCT-CTTCTCATG 1093
Db 834 TCCCCAGCTGTGGCTGTGCTGTGCGGCTGAGTGAAGATGCTCCGTGCCAGG 893
QY 1094 CTCTTGGCTGACGTTAACTGTCTGCTTGGATTCACTGTGTAGAGC 1139
Db 894 CCTTGGCTGACGCAACACTTAGCTTGGTCCACATGCAGAAC 939

RESULT 7
US-10-277-802-30

; Sequence 30, Application US/10277802
; Publication No. US20030190707A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 17 Human Secreted Proteins
; FILE REFERENCE: PS723P1
; CURRENT APPLICATION NUMBER: US/10/277,802
; CURRENT FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 09/915,582
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: PCT/US01/01431
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/231,968
; PRIOR FILING DATE: 2000-09-12
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 30
; LENGTH: 1337
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (1337)
; OTHER INFORMATION: n equals a,t,g, or c
; US-10-277-802-30

Query Match 33.2%; Score 566.8; DB 15; Length 1337;
Best Local Similarity 77.0%; Pred. No. 1.8e-174;
Matches 728; Conservative 3; Mismatches 205; Indels 10; Gaps 3;

QY 196 CTCACAGGCTACCTTCAAGTTGAAGCTGGCTCCACAAGGACACGGTACATGAGG 255
Db 2 CTCACAGTTTCACTTCAAGGCTCAAACTGGSTCTGCA-----GGGACATGAGAG 53
QY 256 GCAGCCACTGATCCATCTTCTGGCCACTTCCCTCTCTGCTTCTCTCAATGTGTG 315
Db 54 GCACACCGAAGACCCACTCTGCTTCTCTCTCTCTGCTCTCTCAAGTGCCTA 113
QY 316 CCCAGCTGTGCCGAGACCTGTATCCTGTCTTGGACACCAACCCAGTCCCAAGGGG 375
Db 114 CCCAGCTGTGCCGAGACATGTATCCTGCCCCCTGGCCACCTCCCCGATGCCGCTGGAG 173
QY 376 TACCCCTGTGCTGATGCTGTGCTGTAAAGTGTGTGCAACGAGGCTGGGGAGT 435

Db 174 TACCCCTGTGCTGATGGCTGTGGCTGCTGCGGGTATGTGACAGCGCGCTGGGGAGC 233
QY 436 CCTGGACCACTGCTATGTCTGCGACCCCAAGCCAGGGCGCTGTTGTACGCTGGGCGAG 495
Db 234 CCTGGACCAACTCCACGTCTGGACCGCCAGCCAGGAGGCGCTGTGCTGCGAGCCGGGGCAG 293
QY 496 GCCCTGGCGCCATGGGGCTGTGTCTCTTGGATGAGATGACGGTAGCTGTGAGTGA 555
Db 294 GACCCGCTGTGCGGGGGCGCTGTGCTCTTGGCAGAGGACGACAGACTGTGAGTGA 353
QY 556 ATGGCCGACGTACCTGATGAGAGACCTTTAAACCAATTGACAGGCTCTGCGGCT 615
Db 354 ACGGCGCTGTATCGGAAGGGGAGACCTTCCAGCCCCACTGACATCCGCTGCCGCT 413
QY 616 GTGATACGGTGGCTTACCTGCTGCGCTGTGCAAGTGAAGATGCGGCTGCCAGCT 675
Db 414 GCGAGGACGGCGGCTTACCTGCTGCGCTGTGCAAGGATGCGGCTGCCAGCT 473
QY 676 GGGACTGCCCAAGCCCCAAGAGATACAGTGGCCAGGAAGTGTGCCCCGAGTGGTAT 735
Db 474 GGGACTGCCCAAGCCCCAAGAGTGAAGTCTGCGCAAGTGTGCCCCGAGTGGTGT 533
QY 736 GTGACCAAGGAGTGAACACCGGCGCATCCAGCGCTCCACGCGGCAAGACCAACTTCTG 795
Db 534 GCGGCCAAGAGGGGAGCTGGGACCCAGCCCTTCCAGGCCAAGACCCAGTTTCTG 593
QY 796 CCTTGTCACTCTGCTGCTGTGATGCTCTTGTCCAAATTGGACACAGCTGGGCGC 855
Db 594 GCCTTGTCTCTTCCCTGCGCCCTGTGTCTCCCTGCCCCAAGATGAGACAGCGCTGGGAC 653
QY 856 CCTGCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAAACGAGAACCGATTCT 915
Db 654 CCTGCTGACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAAACGAGAACCGATTCT 713
QY 916 GCCAAGTGAAGATCCAAACGCGGCTGTGTCTGCCAGACCCCTGCTGGCAGCCAGAGCC 975
Db 714 GCGACTGAGAGACCAAGCGCGCTGTGCTGTCCAGGCCCTGCCACCTCCAGGGGTC 773
QY 976 ACAGCTCATGAAACAGTCTTTCTA-AGGCCAAGTGGGATGCGGATACAGGCGCTGCCA 1034
Db 774 GCAGTCCACAAACAGTGCCTTCTAGAGCCGGGCTGGGATGGGACACGGTGTCCACCA 833
QY 1035 TCCTCAGCAAAATGACCTTAGGACCAAGCCCTGAGCTGCTGTAGATGCT-CTTCTCATG 1093
Db 834 TCCCCAGCTGTGGCTGTGCTGTGCGGCTGAGTGAAGATGCTCCGTGCCAGG 893
QY 1094 CTCTTGGCTGACGTTAACTGTCTGCTTGGATTCACTGTGTAGAGC 1139
Db 894 CCTTGGCTGACGCAACACTTAGCTTGGTCCACATGCAGAAC 939

RESULT 8

US-09-915-582-14
; Sequence 14, Application US/09915582
; Patent No. US20020120103A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 17 Human Secreted Proteins
; FILE REFERENCE: PS723P1
; CURRENT APPLICATION NUMBER: US/09/915,582
; CURRENT FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: PCT/US01/01431
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/231,968
; PRIOR FILING DATE: 2000-09-12
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 14
; LENGTH: 1352

TYPE: DNA
ORGANISM: Homo sapiens
US-09-915-582-14

Query Match 33.2%; Score 566.6; DB 9; Length 1352;
Best Local Similarity 77.0%; Pred. No. 2.1e-174;
Matches 732; Conservative 0; Mismatches 209; Indels 10; Gaps 3;

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QY 191 GTGCGCTCCACGCGCTCACCTTCAGGTTTGAAGCTGGCTCCACAAGGACACGCGTACAT 250
    |||||
Db 3 GTCCGCTTACAGTTTACCTTCAGGCTCAAAGCTGGCTGTGCA-----GGGGACAT 54

QY 251 GAGGGGACGCCCACTGATCCATCTTGGCCACTTCCCTCTGCTTCTGCTGCAATGCT 310
    |||||
Db 55 GAGAGGACACCGAAGACCGCACTCTGCGCTTCTCCCTCTGCTGCTCTCAAGGT 114

QY 311 GTGTGCCCAAGCTGTGCGGACACCCCTGTACCTGTCTTGGACACCAACCCCAAGTCCACA 370
    |||||
Db 115 GCGTACCCAGCTGTGCGGACACCATGTACCTGCCCTGGCCCACTCCCGATGCCGCT 174

QY 371 GGGGGTACCCCTGTGCTGTGATGGCTGTGGCTGTGTAAGTGTGTGACCGAGGCTGGG 430
    |||||
Db 175 GGGAGTACCCCTGTGCTGTGATGGCTGTGGCTGTGCTGCGGGTATGTGACCGGCGCTGGG 234

QY 431 GGAGTCTCGACCAACCTGCATGTGCGACCCCAAGCCAGGCGCTGTTGTGACGCTGG 490
    |||||
Db 235 GGAGCCCTGCGACCAACTCCACGTGTGCGACGCGCAGCGGCGCTGTGCTGCCAGCCCGG 294

QY 491 GGCAGGCGCTGGCGCGCATGGGCTGTGTCTCTTGGATGAGATGACGGTAGCTGTGA 550
    |||||
Db 295 GGCAGGACCCGGTGGACGGGGCGCTGTGCTCTTGGCAGAGGACGACAGCAGCTGTGA 354

QY 551 GGTGAATGGCCCGCAGGTACCTGATGGAAGACCTTTAAACCAATTGCAGGGTCTGTG 610
    |||||
Db 355 GGTGAACGGCCCGCTGTATCGGGAAGGGAGACCTTCCAGCCCACTGCAGCATCCGCTG 414

QY 611 CCGCTGTGATGACGGTGGCTTCACTGCTGCTGCGCTGTGACGTGAGATGTGCGGCTGCC 670
    |||||
Db 415 CCGCTGCGAGAGACGGCGGCTTCACTGCGTGTGCGCTGTGACGAGATGTGCGGCTGCC 474

QY 671 CAGCTGGGACCTGCCACGCGCCCAAGAAATACAGGTGCCAGAAAGTGTGCTGCCCGAGTG 730
    |||||
Db 475 CAGCTGGGACCTGCCACCGGAGGGGTGAGGTCTGAGGCAAGTGTGCTGCCCTGTAGTG 534

QY 731 GGTATGTGACCAAGGAGTGAACCGGCGATCCAGCGCTCCAGCGGCAAGGACCAACT 790
    |||||
Db 535 GGTGTGCGGCCCAAGAGGGGAGTGGGAGCCAGCCCTTCCAGCCCAAGGACCCCAAGTT 594

QY 791 TTCTGCCCTTGTCACTCTGCTGCTGTGATGCTCTTGTCCAAATTGGAGCACAGCCTG 850
    |||||
Db 595 TTCTGGCCTTGTCTCTTCCCTGCGCCCTGTGTCTCCCTGCGCAGAATGAGCACGCGCTG 654

QY 851 GGGCCCTGCTCAACCACTGTGGGCTGGGATAGCCACCGGAGTGTCCAACCAAGAACCG 910
    |||||
Db 655 GGGACCTGCTCGACCACTGTGGGCTGGGATAGCCACCGGAGTGTCCAACCAAGAACCG 714

QY 911 ATTCTGCAACTGAGATCCACAGCGCGCTGTGTCTGCGCAGACCTGCTGCGACGCAAG 970
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Db 715 CTTCTGCGCACTGAGAGCCCAAGCGCGCTGTGTCTGTCCAGGCCCTGCGCACCTCCAG 774

QY 971 GAGCCACAGCTCATGGAACAGTCTTTCTA-AGGCCAATGGGGATGCGGATACAGGCGC 1029
    |||||
Db 775 GGGTGGAGTCCACAAAACAGTCTTTCTAGAGCCGGGCTGGGAATGGGACACGCGTGC 834

QY 1030 TGCCATCTTCAGCAATGACCCCTTAGAGCCAGCGCTGGAAGTGTGATGCT-CTTCT 1088
    |||||
Db 835 CACCATCCCAAGCTGTGGCCCTGTGCTGCGGCTGGGCTGTGATGGAAGATGTCCGTC 894

QY 1089 CCATGCTCTGGCTGAGTTAACTGTCTGCTTGGATCACTGTGTAGAGC 1139
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Db 895 CCAGGCGCTGGCTGAGGCAACCTTTAGCTTGGGTCCACCATGCAAGAC 945
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RESULT 9

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US-10-277-802-14
; Sequence 14, Application US/10277802
; Publication No. US20030190707A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 17 Human Secreted Proteins
; FILE REFERENCE: PS723P1
; CURRENT APPLICATION NUMBER: US/10/277,802
; PRIOR FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 09/915,582
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: PCT/US01/01431
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/231,968
; PRIOR FILING DATE: 2000-09-12
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 1352
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-277-802-14
```

Query Match 33.2%; Score 566.6; DB 15; Length 1352;
Best Local Similarity 77.0%; Pred. No. 2.1e-174;
Matches 732; Conservative 0; Mismatches 209; Indels 10; Gaps 3;

```
QY 191 GTGCGCTCCACGCGCTCACCTTCAGGTTTGAAGCTGGCTCCACAAGGACACGCGTACAT 250
    |||||
Db 3 GTCCGCTTACAGTTTACCTTCAGGCTCAAAGCTGGCTGTGCA-----GGGGACAT 54

QY 251 GAGGGGACGCCCACTGATCCATCTTGGGCACTTCTCTGCTTCTGCTTCTCAATGCT 310
    |||||
Db 55 GAGAGGACACCGAAGACCGCACTCTGCGCTTCTCCCTCTGCTGCTCTCAAGGT 114

QY 311 GTGTGCCCAAGCTGTGCGGACACCCCTGTACTGTCTTGGACACCAACCCCAAGTCCACA 370
    |||||
Db 115 GCGTACCCAGCTGTGCGGACACCACTGTGCTTCTCCCTCTGCTGCTCTCAAGGT 174

QY 371 GGGGGTACCCCTGTGCTGTGATGGCTGTGGCTGTGTAAGTGTGTGACGAGGCTGGG 430
    |||||
Db 175 GGGAGTACCCCTGTGCTGTGATGGCTGTGGCTGTGCTGCGGATGTGACGCGGCTGGG 234

QY 431 GGGGTACCCCTGTGCTGTGATGGCTGTGGCTGTGTAAGTGTGTGACGAGGCTGGG 430
    |||||
Db 371 GGGGTACCCCTGTGCTGTGATGGCTGTGGCTGTGTAAGTGTGTGACGAGGCTGGG 430

QY 491 GGCAGGCGCTGGCGCGCATGGGCTGTGTCTTGTGATGAGATGACCGTAGCTGTGA 550
    |||||
Db 295 GGCAGGACCCGGTGGACGGGGGCGCTGTGTCTTGTGCAAGAGGACGACGAGCTGTGA 354

QY 551 GGTGAATGGCCCGCAGGTAAGTGTGAGAGACCTTTAAACCAATTGCAGGGTCTGTG 610
    |||||
Db 355 GGTGAACGGCCCGCTGTATCGGGAAGGGAGACTTCCAGCCCACTGACGATCCGCTG 414

QY 611 CCGCTGTGATGACGGTGGCTTCACTGCTGCGCTGTGCAAGTGTGAGGATGTGCGGCTGCC 670
    |||||
Db 415 CCGCTGCGAGAGCGGCGGCTTCACTGCTGCGCTGTGCAAGGATGTGCGGCTGCC 474

QY 671 CAGCTGGAGCTGCCACGCGCCCAAGAAATACAGGTGCCAGAAAGTGTGCGCGGAGTG 730
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Db 475 CAGCTGGAGCTGCCACCGGAGAGGAGTGTGAGGCTGTGGCAAGTGTGCGGCTGAGTG 534

QY 731 GGTATGTGACCAAGGAGTGAACCGGCGATCCAGCGCTCCAGCGGCAAGGACCAACT 790
    |||||
Db 535 GGTGTGCGGCCAAGGAGGGGAGTGTGGACCGGCTTCCAGCCCAAGGACCCCAAGTT 594

QY 791 TTCTGCCCTTGTCACTCTGCTGCTGTGATGCTCTTGTCCAAATTGAGACAGGCTG 850
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Db      595 TTCTGGCCTGTCTCTCCCTGCCCCCTGGTGTCCCTGCCCAAGATGAGCACGGCCTG 654
QY      851 GGGCCCTGCTCAACCACTGTGGCTGGCATAGCCAGAGTGTCAACGAAACCG 910
Db      655 GGGACCTGCTGACCACTGTGGCTGGGCAATGGCCACCGGCTGTCAACGAAACCG 714
QY      911 ATTCTGCCAATGAGATCCCAACGCGCCTGTGTCTGCCAGACCCCTGTGGCAGCCAG 970
Db      715 CTCTGCCGACTGTGAGACCCAGCGCCGCTGTGTCTGTCCAGGCCCCCTGCCACCTCCAG 774
QY      971 GAGCCACAGCTCATGGAACAGTGTCTTA-AGGCCAACTGGGGATGCGGATACAGGGCC 1029
Db      775 GGGTCGAGTCCAAACAGTGTCTTCTAGAGCGGGCTGGGAATGGGACACGGTGTG 834
QY      1030 TGCCATCTCAGCAATAGACCTAGAGCAGGCGCTGAGCTGTGTGATGCT-CTTCT 1088
Db      835 CACCATCCCGAGCTGTGGCCCTGTGTCTGTGGCGCTGGCTGATGGAATGGTCCGTGC 894
QY      1089 CCATGCTCTTGGCTGAGTTAACTGTCTGTGATTCACTGTGTAGAGC 1139
Db      895 CCAGGCCCTTGGCTGAGGCAACACTTTAGCTTGGGTCCACCATGACAGAC 945
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RESULT 10

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US-10-147-493-319
; Sequence 319, Application US/10147493
; Publication No. US20040029217A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C345
; CURRENT APPLICATION NUMBER: US/10/147,493
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-147-493-319
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Query Match      32.9%; Score 561.4; DB 13; Length 1266;
Best Local Similarity 78.0%; Pred. No. 1e-172;
Matches 701; Conservative 0; Mismatches 196; Indels 2; Gaps 2;
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QY      243 GGTGACATGAGGGGCGACCACTGATCCATCTTCTGSCCACTTCCCTTGCCCTTCTC 302
Db      4 GGGGACATGAGAGGCGACACGGAAGACCCACCTCCTGSCCTTCTCCCTCTGCTCCTC 63
QY      303 TCAATGCTGTGTGCGGAGCTGTGCGGAGACCCCTGTACTGTCTTGTGACACACCCAG 362
Db      64 TCAAGGTGCGTACCCAGCTGTGCGGAGACCCATGTACTGTGCGGAGACCCAG 123
QY      363 TGCCACAGGGGGTACCCCTGTGCTGTGATGCTGTGTGCTGTAAAGTGTGTGACGG 422
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Db      124 TGCCCGTGGAGTACCCCTGTGTGTGATGGCTGTGTGCTGTGCCGGTATGTGACGG 183
QY      423 AGGCTGGGGAGTCTCTGCGACCACTGATGTCTGCAACCCAGCCAGGCGCTGTGTGT 482
Db      184 CGGCTGGGGAGGCCCTGCGACCACTCCACGTCTGCGACGCCAGCCAGGCGCTGTGTG 243
QY      483 CAGCCTGGGGCAGGCCCTGTGGCGCCATGGGGCTGTGTCTCTTGTGATGAGATGACGGT 542
Db      244 CAGCCCCGGGACGAGCCCGGTGGCCGGGGGGCCCTGTGTCTCTTGTGAGAGGACGACAGC 303
QY      543 AGCTGTGAGTGAATGGCCGAGGTAACCTGATGAGAGAGACCTTTAAACCAATTGACAG 602
Db      304 AGCTGTGAGTGAACGCGCCCTGTATCGGAAAGGGAGACCTTCAGGCCCACTGCAGC 363
QY      603 GTCTGTGCGCTGTGATGACGCTGTCTCACTGCTGCTGCTGCTGCTGTGAGATGTG 662
Db      364 ATCCGCTGCGCTGCGAGAGACGGCGCTTCACTGCGTGCCTGTGCGAGAGATGTG 423
QY      663 CGGCTGCCAGCTGGGACTGCCCCAGCGCCCAAGAGATACAGGTGCCAGAAAGTGTGC 722
Db      424 CGGCTGCCAGCTGGGACTGCCCCAGAGAGGTCGAGGTCTCTGGGCAAGTGTGC 483
QY      723 CCGGAGTGGTATGTGACCAAGGAGTACACCGCGGATCCAGCGCTCCACGCGCAAGGA 782
Db      484 CTTGAGTGGTGTGCGGCAAGAGGGGACTGGGGACCCAGCCCTTCCAGCCCAAGGA 543
QY      783 CACCAACTTTCTGCCCCCTGTGTCACTCTCTGCTGTGTGTCTCTGTGTGTCTCTGTGTGAGC 842
Db      544 CCCCAGTTTCTGTGCTGTGTCTCTTCTCTCTGCCCCCTGTGTGTGTGTGTGTGTGTGTGAGC 603
QY      843 ACAGCCTGGGGCCCCCTGTCTCAACCACTGTGGCTGGGCATAGCCACCCGAGTGTCCAAC 902
Db      604 ACAGCCTGGGACCCCTGTCTGACCACTGTGGCTGGGCATAGCCACCCGCTGTCTCAAC 663
QY      903 CAGAACCAATCTGCAACTGAGATCAACGCGCCTGTGTCTGTGTGTGTGTGTGTGTGTGTGTG 962
Db      664 CAGAACCGCTTCTGCGACTGAGAGCAACGCGCCTGTGTGTGTGTGTGTGTGTGTGTGTGTG 723
QY      963 GCAGCCAGAGCCACAGCTCATGGAAGAGTCTTCTTA-AGGCCAACTGGGGATGCGGAT 1021
Db      724 CCCTCAGGGGTGCGAGTCCACAAACAGTGTCTTCTAGAGCCGGGCTGGGAAATGGGGAC 783
QY      1022 ACAGGGCTGCCATCTCTCAGCAATGACCTTAGAGCCAGCCCTGACTGTCTGTATG 1081
Db      784 ACGTGTCCACCATCCCAAGCTGTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 843
QY      1082 CT-CTTCTCAATGCTCTTGTGCTGCAATTAAGTCTGTCTGTGATTAAGTGTGTAGAGC 1139
Db      844 GTCCGTGCCAGGCCCTTGTGCTGACGGCAACACTTTAGCTTGGGTCCACCATGACAGAC 902
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RESULT 11

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US-10-145-127-319
; Sequence 319, Application US/10145127
; Publication No. US20040033558A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
```


Db 424 CGGCTGCCAGCTGGGACTGCCCCCAACCCCAAGAGGTCGAGGTCTTGGGCAAGTGTGC 483
QY 723 CCCGAGTGGGTATGTGAACCAAGGAGTGAACACCGCGCATCCAGCGCTTCCACGGCGCAAGGA 782
Db 484 CCTGAGTGGGTGTGGGACCAAGGAGGGGAGCTGGGGAACCAAGCCCTTTCCAGCCCAAGGA 543
QY 783 CACCAACTTTCTGCTCTGTGCTCACTGCTCTGTGATGTCTCTTGTCCAAATGTGAGC 842
Db 544 CCCAGTTTCTGGGCTTGTCTCTTCCCTGCCCCCTGGTGTCCCTGCCCCAGAAATGAGC 603
QY 843 ACAGCCTGGGGCCCCCTGTCAACCACTGTGGGCTGGGCATAGCCACCGAGTGTCCAAC 902
Db 604 ACGGCTGGGGACCTGTGCTGACCACTGTGGGCTGGGCATGGCCACCGGGTGTCCAAC 663
QY 903 CAGAACCGATTCTGCCAACTGGAGATCCAACGCCGCCCTGTGTGCCCCAGACCCCTGCCCTG 962
Db 664 CAGAACCGCTTCTGCTCCGACTGGAGACCCACGCCGCCCTGTGTCTGTCCAGGCCCTGCCCA 723
QY 963 GCAGCCAGGAGCCACAGCTCATGGAACAGTGTCTTA-AGGCCAACTGGGGATGCCGAT 1021
Db 724 CCTCCAGGGGTGCGAGTCCACAAACAGTGTCTTAGAGCCGGGCTGGGAATGGGGAC 783
QY 1022 ACAGGCTGCTGCCATCTCTCAAGCAATGACCTTAGGACCAAGCCCTGGAAGTGTAGATG 1081
Db 784 ACGGTGTCCACCATCCCAAGCTGTGGCTGTGCTGTGGCCCTGGGCTGATGGAAAGATG 843
QY 1082 CT-CTTCTCATGTCTTGGCTGCACTTAACTGTCTGTGATGCTGTAGAGC 1139
Db 844 GTCCGTGCCAGGCGCTTGGCTGCAAGCACTTAACTGTGGTCCACCATGCAGAAC 902

RESULT 13

US-10-143-118-319
; Sequence 319, Application US/10143118
; Publication No. US20040038335A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C228
; CURRENT APPLICATION NUMBER: US/10/143,118
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-143-118-319

Query Match 32.9%; Score 561.4; DB 13; Length 1266;
Best Local Similarity 78.0%; Pred. No. 1e-172;
Matches 701; Conservative 0; Mismatches 196; Indels 2; Gaps 2;
QY 243 GGTGACATGAGGGGAGCCCACTGATCATCTTGTGGCCACTTCTCTCTGCTTCTGCTTCTC 302
Db 4 GGGGACATGAGAGGACACCGAAGACCACTCTGTGGCTTCTCTCTCTCTGCTTCTGCTTCTC 63

QY 303 TCAATGCTGTGTGCCAGCTGTGCCGGAACACCCCTGTACTCTGTCTTGGACACCAACCCAG 362
Db 64 TCAAGGTGCGTACCCAGCTGTGCCGGAACACCATGTACTGTCTTGGCCACCTTCCCGA 123
QY 363 TGCCCAAGGGGTACCCCTGTGTGTGATGTGCTGTGCTGTAAAGTGTGTGACGG 422
Db 124 TGCCGCTGGAGTACCCCTGTGTGTGATGTGCTGTGCTGTGCTGTGCTGTGCTGTG 183
QY 423 AGGCTGGGGAGTCTCTGCAACACTGATGTCTGCAACCCAGCCAGGGCTGTGTGT 482
Db 184 CGGCTGGGGAGCCCTGCGCACTCCAGTCTGCGACGCCAGCCAGGGCTGTGTGT 243
QY 483 CAGCCTGGGGCAGGCCCTGCGCCCATGGGGCTGTGTGTCTTGTGATGAGATGACGT 542
Db 244 CAGCCCGGGCAGAACCCGGTGGCCGGGGGCCCTGTGTCTTGTGCAAGAGACGACAGC 303
QY 543 AGCTGTAGGTGAATGGCCGAGTAACTGATGAGAGACCTTTAAACCAATTGACAG 602
Db 304 AGCTGTAGGTGAACGCCGCTGTATCGGGAAGGGAGACCTTCCAGCCCACTGCAGC 363
QY 603 GTCTGTGCTGCTGTGATGACGCTGTCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTG 662
Db 364 ATCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 423
QY 663 CGGCTGCCAGCTGGAGCTGCCAGCCCAAGAGAGATACAGTGTGCAAGAAAGTGTGC 722
Db 424 CGGCTGCCAGCTGGAGCTGCCCAACCCAGAGAGTGTGAGTGTGCTGCTGCTGCTGCTG 483
QY 723 CCGAGTGGGTATGTGACCAAGGAGTGAACACCGGATCCAGGCTCCACGCGCAAGGA 782
Db 484 CCGAGTGGGTGTGCGCCCAAGAGGGGGAAGTGGGACCCAGCCCTTCCAGCCCAAGGA 543
QY 783 CACCAACTTCTGCTTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 842
Db 544 CCCAGTTTCTGCTTGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 603
QY 843 ACAGCCTGGGGCCCCCTGTCAACCACTGTGGGCTGGGCATAGCCACCGAGTGTCCAAC 902
Db 604 ACGGCTGGGGACCTGTCTGACCACTGTGGGCTGGGCATAGCCACCGGGTGTCCAAC 663
QY 903 CAGAACCGATTCTGCCAACTGAGATCCAAAGCCGCTGTGTCTGCCCCAGACCCCTGCTG 962
Db 664 CAGAACCGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 723
QY 963 GCAGCCAGGAGCCACAGCTCATGGAACAGTGTCTTA-AGGCCAACTGGGGATGCCGAT 1021
Db 724 CCTCCAGGGGTGCGAGTCCAAACAGTGTCTTAAAGCCGGCTGGGAATGGGGAC 783
QY 1022 ACAGGCTGCCATCTCTCAAGAAATGACCTTAGACCAAGGCCCTGTGCTGTAGATG 1081
Db 784 ACGGTGTCCACCATCCCAAGCTGTGGCTGTGCTGTGGCCCTGGGCTGATGGAAGATG 843
QY 1082 CT-CTTCTCATGTCTTGGCTGCACTTAACTGTCTGTGATGCTGTAGAGC 1139
Db 844 GTCCGTGCCAGGCGCTTGGCTGCAAGCACTTAACTGTGGTCCACCATGCAGAAC 902

RESULT 14

US-10-144-993-319
; Sequence 319, Application US/10144993
; Publication No. US20040038336A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT:

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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 06:27:47 ; Search time 142.265 Seconds
(without alignments)
6662.619 Million cell updates/sec

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Perfect score:	1708
Sequence:	1 GACGCTTGTGATCTCCAGG.....GCTAGATAAACACCCCAA 1708

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 682709 seqs, 277475446 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1365418

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Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Post-processing: Listing first 45 summaries

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2: /cgn2_6/prodata/2/ina/5B_COMB.seq:*
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6: /cgn2_6/prodata/2/ina/backfiles1.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	90	5.3	1734	4	US-09-182-145-17	Sequence 17, Appl
2	90	5.3	1734	4	US-09-182-145-18	Sequence 18, Appl
3	32	1.9	647	4	US-09-023-655-790	Sequence 790, Appl
4	32	1.9	738	4	US-09-182-145-38	Sequence 38, Appl
5	32	1.9	841	4	US-09-182-145-39	Sequence 39, Appl
6	32	1.9	1293	4	US-09-182-145-13	Sequence 13, Appl
7	32	1.9	1293	4	US-09-182-145-14	Sequence 14, Appl
8	27	1.6	51	4	US-09-182-145-117	Sequence 117, Appl
9	19	1.1	372	4	US-09-636-791A-11	Sequence 11, Appl
10	19	1.1	425	4	US-08-747-562-24	Sequence 24, Appl
11	19	1.1	616	3	US-09-385-982-220	Sequence 220, Appl
12	19	1.1	1196	4	US-09-149-476-225	Sequence 225, Appl
13	19	1.1	1220	4	US-09-149-476-57	Sequence 57, Appl
14	19	1.1	1514	2	US-09-213-768-1	Sequence 1, Appl
15	19	1.1	1539	4	US-09-668-680-13	Sequence 13, Appl
16	19	1.1	2031	4	US-09-252-991A-12122	Sequence 12122, Appl
17	19	1.1	2370	4	US-09-252-991A-12196	Sequence 12196, Appl
18	19	1.1	3120	4	US-09-252-991A-12395	Sequence 12395, Appl
19	18	1.1	20	2	US-09-213-768-2	Sequence 2, Appl
20	18	1.1	280	4	US-09-313-294A-742	Sequence 742, Appl
21	18	1.1	289	4	US-09-313-294A-7410	Sequence 7410, Appl
22	18	1.1	315	4	US-09-313-294A-482	Sequence 482, Appl
23	18	1.1	1134	4	US-09-328-352-384	Sequence 384, Appl
24	18	1.1	1218	4	US-09-252-991A-9482	Sequence 9482, Appl
25	18	1.1	1290	4	US-09-252-991A-9349	Sequence 9349, Appl
26	18	1.1	1422	4	US-09-489-039A-7028	Sequence 7028, Appl
27	18	1.1	1646	4	US-09-023-655-629	Sequence 629, Appl

ALIGNMENTS

C	28	18	1.1	1950	4	US-09-489-039A-6971	Sequence 6971, App
C	29	18	1.1	2104	3	US-09-313-930-1	Sequence 1, Appli
C	30	18	1.1	2104	4	US-09-023-655-1191	Sequence 1191, Ap
	31	18	1.1	2121	4	US-09-614-891-4	Sequence 4, Appli
	32	18	1.1	2196	4	US-09-252-991A-9319	Sequence 9319, Ap
C	33	18	1.1	2790	4	US-09-904-615-30	Sequence 30, Appl
	34	18	1.1	2949	4	US-08-259-451-10	Sequence 10, Appl
C	35	18	1.1	3727	1	US-08-249-380-1	Sequence 1, Appli
	36	18	1.1	8957	4	US-08-259-451-1	Sequence 1, Appli
	37	18	1.1	1230025	4	US-09-198-452A-1	Sequence 1, Appl
C	38	17	1.0	24	4	US-09-182-145-110	Sequence 110, App
C	39	17	1.0	44	4	US-09-182-145-152	Sequence 152, App
	40	17	1.0	435	4	US-09-252-991A-7905	Sequence 7905, App
	41	17	1.0	464	2	US-08-691-814B-117	Sequence 117, App
C	42	17	1.0	477	4	US-09-252-991A-6506	Sequence 6506, App
	43	17	1.0	480	3	US-09-188-930-206	Sequence 206, App
	44	17	1.0	480	4	US-09-312-283C-206	Sequence 206, App
	45	17	1.0	482	2	US-08-691-814B-120	Sequence 120, App

RESULT 1

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US-09-182-145-17
; Sequence 17, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-182-145-17

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Query Match      5.3%;   Score 90;   DB 4;   Length 1734;
Best Local Similarity 100.0%;   Pred. No. 1.1e-34;
Matches      90;   Conservative      0;   Mismatches      0;   Indels      0;   Gaps      0.

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QY	410 AGTGTGTCACGGAGGCTGGGGGAGTCTTGCGAACCACTGCATGTCTGGCACCAGCCA	469
Dδ	418 AGTGTGTCACGGAGGCTGGGGGAGTCTTGCGAACCACTGCATGTCTGGCACCAGCCA	477
QY	470 GGGCCGTGTTGTGACGCTGGGCGAGGCC	499
Dδ	478 GGGCCGTGTTGTGACGCTGGGCGAGGCC	507

RESULT 2

US-09-182-145-18/c
; Sequence 18, Application US/09182145E
; Patent No. 6387657
; GENERAL INFORMATION:

APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/09/182,145B
EARLIER FILING DATE: 1998-10-29
EARLIER APPLICATION NUMBER: US 60/063,704
EARLIER FILING DATE: 1997-10-29
EARLIER APPLICATION NUMBER: US 60/073,612
EARLIER FILING DATE: 1998-02-04
EARLIER APPLICATION NUMBER: US 60/081,695
EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 18
LENGTH: 1734
TYPE: DNA
ORGANISM: Mus musculus
US-09-182-145-18

Query Match 5.3%; Score 90; DB 4; Length 1734;
Best Local Similarity 100.0%; Pred. No. 1.1e-34;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 410 AGTGTGTGACGAGAGCTGGGGAGTCTGTGACCACTGATGTCTGGACCCAGCCA 469
DB 1317 AGTGTGTGACGAGAGCTGGGGAGTCTGTGACCACTGATGTCTGGACCCAGCCA 1258
QY 470 GGGCCCTGTTTGTCTAGCCTGGGGCAGGCC 499
DB 1257 GGGCCCTGTTTGTCTAGCCTGGGGCAGGCC 1228

RESULT 3

US-09-023-655-790
Sequence 790, Application US/09023655
Patent No. 6607879
GENERAL INFORMATION:
APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Selhammer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HERewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 790:
SEQUENCE CHARACTERISTICS:
LENGTH: 647 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: LUNGTTT02
CLONE: 692911
US-09-023-655-790

Query Match 1.9%; Score 32; DB 4; Length 647;
Best Local Similarity 100.0%; Pred. No. 5.8e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 654 GAGATGTGGGCTGCCAGCTGGGACTGCC 685
DB 138 GAGATGTGGGCTGCCAGCTGGGACTGCC 169

RESULT 4

US-09-182-145-38
Sequence 38, Application US/09182145B
Patent No. 6387657
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/09/182,145B
EARLIER FILING DATE: 1998-10-29
EARLIER APPLICATION NUMBER: US 60/063,704
EARLIER FILING DATE: 1997-10-29
EARLIER APPLICATION NUMBER: US 60/073,612
EARLIER FILING DATE: 1998-02-04
EARLIER APPLICATION NUMBER: US 60/081,695
EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 38
LENGTH: 738
TYPE: DNA
ORGANISM: Homo sapiens
US-09-182-145-38

Query Match 1.9%; Score 32; DB 4; Length 738;
Best Local Similarity 100.0%; Pred. No. 5.9e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 375 GTACCCCTGTGTCTGATGGCTGTGCTGTG 406
DB 115 GTACCCCTGTGTCTGATGGCTGTGCTGTG 146

RESULT 5

US-09-182-145-39
Sequence 39, Application US/09182145B
Patent No. 6387657
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert


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; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 117
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-51
; OTHER INFORMATION: Sequence is synthesized.
; Patent No. 6387657
US-09-182-145-117

Query Match          1.6%; Score 27; DB 4; Length 51;
Best Local Similarity 100.0%; Pred. No. 0.0015;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      380 CCTGTGCTGATGGCTGTGGCTGCTG 406
      1 CCTGTGCTGATGGCTGTGGCTGCTG 27
Db

RESULT 9
US-09-636-791A-11/C
; Sequence 11, Application US/09636791A
; Patent No. 6503703
; GENERAL INFORMATION:
; APPLICANT: Palese et al
; TITLE OF INVENTION: IDENTIFICATION AND USE OF ANTIVIRAL COMPOUNDS THAT
; TITLE OF INVENTION: INHIBIT INTERACTION OF HOST CELL PROTEINS AND VIRAL
; TITLE OF INVENTION: PROTEINS REQUIRED FOR VIRAL REPLICATION
; FILE REFERENCE: 6923-077-999
; CURRENT APPLICATION NUMBER: US/09/636,791A
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/148,263
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 372
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-636-791A-11

Query Match          1.1%; Score 19; DB 4; Length 372;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      617 TGATGACGGTGGCTTCACC 635
      80 TGATGACGGTGGCTTCACC 62
Db

RESULT 10
US-08-747-562-24/C
; Sequence 24, Application US/08747562
; Patent No. 6579697
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BOLDIN, Mark
; APPLICANT: METT, Igor
; APPLICANT: VARFOLOMEEV, Eugene
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
; TITLE OF INVENTION: AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; PRIOR APPLICATION NUMBER: US/08/747,562
; APPLICATION NUMBER DATA:
; FILING DATE: 11-MAY-1995
; APPLICATION NUMBER: PCT/US95/05854
; PRIOR APPLICATION DATA:
; FILING DATE: 11-MAY-1994
; APPLICATION NUMBER: IL 109,632
; APPLICATION DATA:
; FILING DATE: 02-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH-15A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 425 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-747-562-24

Query Match          1.1%; Score 19; DB 4; Length 425;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      617 TGATGACGGTGGCTTCACC 635
      118 TGATGACGGTGGCTTCACC 100
Db

RESULT 11
US-09-385-982-220/C
; Sequence 220, Application US/09385982
; Patent No. 6262334
; GENERAL INFORMATION:
; APPLICANT: ENDEGE, WILSON O., ET AL.
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS: II
; FILE REFERENCE: CCDNA-260XX
; CURRENT APPLICATION NUMBER: US/09/385,982
; FILING DATE: 1999-08-30
; EARLIER APPLICATION NUMBER: 09/328,111
; EARLIER FILING DATE: 1999-06-08
; EARLIER APPLICATION NUMBER: 60/117,393
; EARLIER FILING DATE: 1999-01-27
; EARLIER APPLICATION NUMBER: 60/098,639
; EARLIER FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 544
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 220
; LENGTH: 616
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(616)
; OTHER INFORMATION: n = A,T,C or G
US-09-385-982-220

Query Match          1.1%; Score 19; DB 3; Length 616;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      617 TGATGACGGTGGCTTCACC 635
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Db 127 TGATGACGGTGGCTTCACC 109

RESULT 12

US-09-149-476-225/c

; Sequence 225, Application US/09149476

; Patent No. 6420526

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

; TITLE OF INVENTION: 186 Human Secreted proteins

; FILE REFERENCE: P2002P1

; CURRENT APPLICATION NUMBER: US/09/149,476

; CURRENT FILING DATE: 1998-09-08

; EARLIER APPLICATION NUMBER: PCT/US98/04493

; EARLIER FILING DATE: 1998-03-06

; EARLIER APPLICATION NUMBER: 60/040,162

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/040,333

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/038,621

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/040,626

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/040,334

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/040,336

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/040,163

; EARLIER FILING DATE: 1997-03-07

; EARLIER APPLICATION NUMBER: 60/047,600

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,615

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,597

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,502

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,633

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,583

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,617

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,618

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,503

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,592

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,581

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,584

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,500

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,587

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,492

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,598

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,613

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,582

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,596

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,612

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,632

; EARLIER FILING DATE: 1997-05-23

; EARLIER APPLICATION NUMBER: 60/047,601

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; EARLIER APPLICATION NUMBER: 60/057,761
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/047,595
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,599
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,588
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,585
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,586
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,590
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,594
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,589
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,593
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,614
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,578
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,576
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/047,501
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,670
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/056,632
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,664
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,876
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,881
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,909
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,875
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,862
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,897
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,908
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/048,964
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/057,650
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/056,884
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/057,669
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/049,610
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/061,060
; EARLIER FILING DATE: 1997-10-02
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Query Match      1.1%; Score 19; DB 4; Length 1196;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      617 TGATGACGGTGGCTTCACC 635
      |||||
Db      134 TGATGACGGTGGCTTCACC 116
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RESULT 13
US-09-149-476-57/c
; Sequence 57, Application US/09149476
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; Patent No. 6420526
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: P2002P1
; CURRENT APPLICATION NUMBER: US/09/149,476
; EARLIER FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: PCT/US98/04493
; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,626
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,334
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,336
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,163
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/047,600
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,615
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,597
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,502
; EARLIER FILING DATE: 1997-05-23
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; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,583
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,617
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,618
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,503
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,592
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,581
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,584
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,500
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,587
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,492
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,598
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,613
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,582
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,596
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,612
; EARLIER FILING DATE: 1997-05-23
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; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,601
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,580
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,568
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,314
; EARLIER FILING DATE: 1997-04-11
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EARLIER APPLICATION NUMBER: 60/043,569
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EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,671
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,674
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,669
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,312
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EARLIER APPLICATION NUMBER: 60/043,313
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,672
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,315
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/048,974
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/056,886
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,877
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,889
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,893
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,630
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,878
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,662
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,872
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EARLIER FILING DATE: 1997-08-22
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EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,631
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,845
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,892
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,761
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/047,595
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,599
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,588

EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,585
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,586
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,590
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,594
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,589
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,593
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,614
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,578
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,576
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/047,501
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,670
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/056,632
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,664
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,876
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,881
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,909
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,875
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,862
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,887
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,908
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/048,964
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/057,650
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/056,884
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,669
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/049,610
EARLIER FILING DATE: 1997-06-13
EARLIER APPLICATION NUMBER: 60/061,060
EARLIER FILING DATE: 1997-10-02

Query Match 1.1%; Score 19; DB 4; Length 1220;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 TGATGACGGTGGCTTACC 635
Db 128 TGATGACGGTGGCTTACC 110

RESULT 14
US-09-213-768-1/c
Sequence 1, Application US/09213768
Patent No. 5985664
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION
FILE REFERENCE: RTS-0026
CURRENT APPLICATION NUMBER: US/09/213,768

; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 1
; LENGTH: 1514
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (136)..(441)
US-09-213-768-1

Query Match 1.1%; Score 19; DB 2; Length 1514;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 TGATGACGGTGGCTTACC 635
|||||
Db 136 TGATGACGGTGGCTTACC 118

RESULT 15

US-09-668-680-13
; Sequence 13, Application US/09668680
; Patent No. 6436703
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Zhou, Ping
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Xue, Aidong J.
; APPLICANT: Xu, Chongjun
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. 6436703el Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 790CIP2A
; CURRENT APPLICATION NUMBER: US/09/668,680
; CURRENT FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: pt_fl_genes Version 2.0
; SEQ ID NO 13
; LENGTH: 1539
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (130)..(1539)
US-09-668-680-13

Query Match 1.1%; Score 19; DB 4; Length 1539;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 287 CTTCCCTGCGCTTCTCTCA 305
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Db 774 CTTCCCTGCGCTTCTCTCA 792

Search completed: May 9, 2004, 11:11:17
Job time : 146.265 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 10:34:42 ; Search time 758.609 Seconds
(without alignments)
10199.232 Million cell updates/sec

Title: US-10-010-408-1

Perfect score: 1708

Sequence: 1 GACGCTTCTGATCTCCAGAG.....GCCCTGATTAACACCCCAA 1708

Scoring table: OLIGO_NUC

Gapop 60.0 , Gapext 60.0

Searched: 2941586 seqs, 2264995651 residues

Word size : 0

Total number of hits satisfying chosen parameters: 5883172

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database :

Published Applications NA:*

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- 19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1708	100.0	1708	US-10-010-408-1	Sequence 1, Appli
2	753	44.1	753	US-10-010-408-3	Sequence 3, Appli
3	681	39.9	681	US-10-010-408-12	Sequence 12, Appli
4	354	20.7	439	US-09-956-622A-23	Sequence 23, Appli
5	210	12.3	210	US-10-010-408-8	Sequence 8, Appli
6	177	10.4	177	US-10-010-408-5	Sequence 5, Appli
7	174	10.2	174	US-10-010-408-10	Sequence 10, Appli
8	90	5.3	1734	US-10-112-267-17	Sequence 17, Appli
9	54	3.2	65	US-10-112-267-18	Sequence 18, Appli
10	32	1.9	199	US-09-908-975-2937	Sequence 2937, Ap
11	32	1.9	586	US-09-864-761-23432	Sequence 23432, A
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13	32	1.9	647	US-10-641-643-790	Sequence 790, App
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ALIGNMENTS

RESULT 1
US-10-010-408-1

Sequence 1, Application US/10010408
Publication No. US20020165185A1

GENERAL INFORMATION:

APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules
and Uses Therefor

NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/010,408

FILING DATE: 07-Dec-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/044,273

FILING DATE: March 19, 1998

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amy E. Mandragouras

REGISTRATION NUMBER: 36,207

REFERENCE/DOCKET NUMBER: MBI-004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 227-7400

TELEFAX: (617) 742-4214

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1708 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 249..1001
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-010-408-1

Query Match 100.0%; Score 1708; DB 14; Length 1708;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2
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Sequence 3, Application US/10010408
Publication No. US20020165185A1
GENERAL INFORMATION:
APPLICANT: John J. Castelli, Jr.
TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CCN-Like Molecules
and Uses Therefor
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street


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1 CITY: Boston
2 STATE: Massachusetts
3 COUNTRY: USA
4 ZIP: 02109
5
6 COMPUTER READABLE FORM:
7 MEDIUM TYPE: Floppy disk
8 COMPUTER: IBM PC compatible
9 OPERATING SYSTEM: PC-DOS/MS-DOS
10 SOFTWARE: Patent Release #1.0,
11 CURRENT APPLICATION DATA:
12 APPLICATION NUMBER: US/10/010,408
13 FILING DATE: 07-Dec-2001
14 CLASSIFICATION: <Unknown>
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16 PRIOR APPLICATION DATA:
17 APPLICATION NUMBER: 09/044,273
18 FILING DATE: March 19, 1998
19 APPLICATION NUMBER: <Unknown>
20 FILING DATE: <Unknown>
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22 ATTORNEY/AGENT INFORMATION:
23 NAME: Amy E. Mandragouras
24 REGISTRATION NUMBER: 36,207
25 REFERENCE/DOCKET NUMBER: MBI-004
26 TELECOMMUNICATION INFORMATION:
27 TELEPHONE: (617)227-7400
28 TELEFAX: (617)742-4214
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30 INFORMATION FOR SEQ ID NO: 3:
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32 SEQUENCE CHARACTERISTICS:
33 LENGTH: 753 base pairs
34 TYPE: nucleic acid
35 STRANDEDNESS: single
36 TOPOLOGY: linear
37 MOLECULE TYPE: cDNA
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39 FEATURE:
40 NAME/KEY: CDS
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Query Match	44.1%;	Score 753;	DB 14;	Length 753;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 753; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	249	ATGAGGGGGCAGCCCACTGATCCATCTTCTGGCCACTTCCTTCTGCTCTCTCAATG	308
Db	1	ATGAGGGGCAGCCCACTGATCCATCTTCTGGCCACTTCCTTCTGCTCTCTCAATG	60
QY	309	GTGTGTGCCAGCTGTGCGGACACCCGTACTCTGCTTGACACCACCCACTGCCA	368
Db	61	GTGTGTGCCAGCTGTGCGGACACCCGTACTCTGCTTGACACCACCCACTGCCA	120
QY	369	CAGGGGTACCCCTGTGCTGGATGGCTGCGCTGTGTAAGTGTGTGACGAGGCTG	428
Db	121	CAGGGGTACCCCTGTGCTGGATGGCTGCGCTGTGTAAGTGTGTGACGAGGCTG	180
QY	429	GGGGAGTCTTGCGACCACTGCATGTCTGCGACCCCAAGCCAGGCGCTGTGTCTCAGCCT	488
Db	181	GGGGAGTCTTGCGACCACTGCATGTCTGCGACCCCAAGCCAGGCGCTGTGTCTCAGCCT	240
QY	489	GGGGCAGGCCCCCTGGCGGCCATGGGGCTGTGTCTCTTTGGATGAGGATGACGTAAGCTGT	548
Db	241	GGGGCAGGCCCCCTGGCGGCCATGGGGCTGTGTCTCTTTGGATGAGGATGACGTAAGCTGT	300
QY	549	GAGGTGAATGGCCGCGCAGGTACTGATGGAAGAGAACCTTTAAACCCAATTGCAAGGTCCTG	608
Db	301	GAGGTGAATGGCCGCGCAGGTACTGATGGAAGAGAACCTTTAAACCCAATTGCAAGGTCCTG	360
QY	609	TGCCGCTGTGATGACGGGTGGCTTCACTTGCCCTGCCGCTGTGCACTGAGGATGTGCGGCTG	668
Db	361	TGCCGCTGTGATGACGGGTGGCTTCACTTGCCCTGCCGCTGTGCACTGAGGATGTGCGGCTG	420
QY	669	CCCAGCTGGGACTGCCCCACGCCCCAAGAGATACAGGTGCCAGGAAGTGTGCCCCGAG	728
Db	421	CCCAGCTGGGACTGCCCCACGCCCCAAGAGATACAGGTGCCAGGAAGTGTGCCCCGAG	480

QY	729	TGGGTATGTGACCAGGGAGTGA	CACCGGCGATCCAGCGCTCCACGGCGGAAAGGACACCAA	788
Db	481	TGGGTATGTGACCAGGGAGTGA	CACCGGCGATCCAGCGCTCCACGGCGGAAAGGACACCAA	540
QY	789	CTTCTGCCCCCTGTGTCAC	TCTGCTCTGCTGATGCTCCTTGTGCCAAATTGGAGCACAGCC	848
Db	541	CTTCTGCCCCCTGTGTCAC	TCTGCTCTGCTGATGCTCCTTGTGCCAAATTGGAGCACAGCC	600
QY	849	TGGGGCCCCCTGCTCAAC	CACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCAAGAAC	908
Db	601	TGGGGCCCCCTGCTCAAC	CACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCAAGAAC	660
QY	909	CGATTCTGCCCACTGGAGAT	CCAAACCGCGCCTGTGTCTGCCCAAGACCCCTGCTTGGCAGCC	968
Db	661	CGATTCTGCCCACTGGAGAT	CCAAACCGCGCCTGTGTCTGCCCAAGACCCCTGCTTGGCAGCC	720
QY	969	AGGAGCCACAGCTCAT	TGGAACAGTCTTTCTAA	1001
Db	721	AGGAGCCACAGCTCAT	TGGAACAGTCTTTCTAA	753

RESULT 3

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US-10-010-408-12
; Sequence 12, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castelliot, Jr.
; TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CCN-Like Molecules
; and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 681 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..681
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-010-408-12

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Best Local Similarity 100.0%; Pred. No. 0;
Matches 681; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 318 CAGCTGTGCCGACACACCTGTACTGTCTTGTGACACACCCAGTGCACAGGGGTA 377
    |||||||
Db 1 CAGCTGTGCCGACACACCTGTACTGTCTTGTGACACACCCAGTGCACAGGGGTA 60

QY 378 CCCTGTGTCTGTGATGGCTGTGCTGTCTGTAAAGTGTGTGCACGAGGCTGGGGAGTCC 437
    |||||||
Db 61 CCCCTGTGTCTGTGATGGCTGTGCTGTCTGTAAAGTGTGTGCACGAGGCTGGGGAGTCC 120

QY 438 TGGGACCACTGCATGTCTGTGACCCCAAGCCAGGGGCTGTTGTCAAGCTGGGGCAGGC 497
    |||||||
Db 121 TGGGACCACTGCATGTCTGTGACCCCAAGCCAGGGGCTGTTGTGTCAAGCTGGGGCAGGC 180

QY 498 CTGGGCGCCATGGGGCTGTGTCTCTTGTGATGAGATGACGGTAGCTGTGAGGTGAAT 557
    |||||||
Db 181 CTGGGCGCCATGGGGCTGTGTCTCTTGTGATGAGATGACGGTAGCTGTGAGGTGAAT 240

QY 558 GGCCGCAAGTACCTGATGAGAGACCTTTAAACCAATTGCAAGGCTCCTGTGCCCTGT 617
    |||||||
Db 241 GGCCGCAAGTACCTGATGAGAGACCTTTAAACCAATTGCAAGGCTCCTGTGCCCTGT 300

QY 618 GATGACGGTGTCTTACCTGTGCTGCGCTGTGTGACATGAGATGTGCGGCTGCCAGCTGG 677
    |||||||
Db 301 GATGACGGTGTCTTACCTGTGCTGCGCTGTGTGACATGAGATGTGCGGCTGCCAGCTGG 360

QY 678 GACTGCCCAAGCCCAAGAAATACAGGTGCCAGAAAGTGTCTGCCCGAGTGGTATGT 737
    |||||||
Db 361 GACTGCCCAAGCCCAAGAAATACAGGTGCCAGAAAGTGTCTGCCCGAGTGGTATGT 420

QY 738 GACCAAGGAGTGACACCGCGGATCCAGCGCTCCAGCGGCAAGGACACCACTTTCTGCC 797
    |||||||
Db 421 GACCAAGGAGTGACACCGCGGATCCAGCGCTCCAGCGGCAAGGACACCACTTTCTGCC 480

QY 798 CTGTGCACTCTGCTCTGTGTATGCTCTTGTCCAAATTGAGCACAGCTGGGGCCCC 857
    |||||||
Db 481 CTGTGCACTCTGCTCTGTGTATGCTCTTGTCCAAATTGAGCACAGCTGGGGCCCC 540

QY 858 TGCTCAACCACTGTGGCTGGGCATAGCCACCCGAGTGTCCAACCAACCGATTCTGC 917
    |||||||
Db 541 TGCTCAACCACTGTGGCTGGGCATAGCCACCCGAGTGTCCAACCAACCGATTCTGC 600

QY 918 CAACCTGAGATCCACGCGCTGTGTCTGCCAGACCTGCTGGCAGCCAGAGCCAC 977
    |||||||
Db 601 CAACCTGAGATCCACGCGCTGTGTCTGCCAGACCTGCTGGCAGCCAGAGCCAC 660

QY 978 AGCTCATGGAACAGTGTCTTC 998
    |||||||
Db 661 AGCTCATGGAACAGTGTCTTC 681
```

RESULT 4

US-09-956-622A-23
; Sequence 23, Application US/09956622A
; Publication No. US20030091973A1
; GENERAL INFORMATION:
; APPLICANT: Horesovsky, Gregory J
; APPLICANT: No. US20030091973A1 II, L. Staton
; APPLICANT: Raha, Debashish
; TITLE OF INVENTION: Method of Identifying Osteoregenerative Agents Using
; TITLE OF INVENTION: Differential Gene Expression
; FILE REFERENCE: 21402-445
; CURRENT APPLICATION NUMBER: US/09/956,622A
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/233,579
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Rattus norvegicus

US-09-956-622A-23

Query Match 20.7%; Score 354; DB 10; Length 439;
Best Local Similarity 99.8%; Pred. No. 8e-177;
Matches 404; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1250 TGTACAAAAGGACCAACCAAAAGACCTTTAAACCTAGGCTATACCTGGGCAAACTGGCC 1309
    |||||||
Db 1 TGTACAAAAGGACCAACCAAAAGACCTTTAAACCTAGGCTATACCTGGGCAAACTGGCC 60

QY 1310 ACCGTGCTGGGATTAAGTCAATGTTAGACCAAGACAGACAGATTCCTGAACTTCCAAT 1369
    |||||||
Db 61 ACCGTGCTGGGATTAAGTCAATGTTAGACCAAGACAGACAGATTCCTGAACTTCCAAT 120

QY 1370 TCCCTTCTGGACTTCTGTATGCTTGTCCCAAGATGATGAATGAATCGTAAGTGTAC 1429
    |||||||
Db 121 TCCCTTCTGGACTTCTGTATGCTTGTCCCAAGATGATGAATGAATCGTAAGTGTAC 180

QY 1430 CTTCCTGACTGAGAACACCCCTGCTGCTGGGAAGTATTCAGGGGCAAACTTCTGT 1489
    |||||||
Db 181 CTTCCTGACTGAGAACACCCCTGCTGCTGGGAAGTATTCAGGGGCAAACTTCTGT 240

QY 1490 GAACATGAAGAGATGAATCAACACTGTCTTTAAGAAATTCCTGAAATCCAGAACTTGAG 1549
    |||||||
Db 241 GAACATGAAGAGATGAATCAACACTGTCTTTAAGAAATTCCTGAAATCCAGAACTTGAG 300

QY 1550 CTTGTATTTTCAAGAAATGACATCTTTAAGCACTGCGAAAACAGAAAGCTCCACACC 1609
    |||||||
Db 301 CTTGTATTTTCAAGAAATGACATCTTTAAGCACTGCGAAAACAGAAAGCTCCACACC 360

QY 1610 TCTGGCAGGCCAGGGCCTTCTCTTTCAGCATGAGAAAGACAAAGG 1654
    |||||||
Db 361 TCTGGCAGGCCAGGGCCTTCTCTTTCAGCATGAGAAAGACAAAGG 405
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RESULT 5

US-10-010-408-8
; Sequence 8, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellet, Jr.
; TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules
; and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 8:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 210 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..210
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-010-408-8

Query Match          12.3%; Score 210; DB 14; Length 210;
Best Local Similarity 100.0%; Pred. No. 2e-100;
Matches 210; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 CAGCTGTGCCGACACCTCTGTAACCTGTCTTGACACCAACCCAGTGCCCAAGGGGTA 377
DB 1 CAGCTGTGCCGACACCTCTGTAACCTGTCTTGACACCAACCCAGTGCCCAAGGGGTA 60

QY 378 CCCCTGTGTGATGGCTGTGGCTGTCTGTAAAGTGTGTGACGAGAGGCTGGGGGAGTCC 437
DB 61 CCCCTGTGTGATGGCTGTGGCTGTCTGTAAAGTGTGTGACGAGAGGCTGGGGGAGTCC 120

QY 438 TGGCAGCACCTGCATGTCTGCGACCCCAAGCCAGAGGCTTTGTTCAGCCTTGCGGACAGGC 497
DB 121 TGGCAGCACCTGCATGTCTGCGACCCCAAGCCAGAGGCTTTGTTCAGCCTTGCGGACAGGC 180

QY 498 CCTGGCGGCCATGGGGCTGTGTCTCTTG 527
DB CCTGGCGGCCATGGGGCTGTGTCTCTTG 210

RESULT 6
US-10-010-408-5
; Sequence 5, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1el Heparin-Induced CCN-Like Molecules
; and Uses Therefor
;
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 base pairs
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..177
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-010-408-5

Query Match          10.4%; Score 177; DB 14; Length 177;
Best Local Similarity 100.0%; Pred. No. 6.6e-83;
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 546 TGTAGGTGATGCGCCGACAGTACCTGATGAGAGACCTTTAAACCAATTGACGGTC 605
DB 1 TGTAGGTGATGCGCCGACAGTACCTGATGAGAGACCTTTAAACCAATTGACGGTC 60

QY 606 CTGTGCCGCTGTGATGACGGGTGCTTCACTGCTGCCGCTGTGACAGTGAAGATGTGCGG 665
DB 61 CTGTGCCGCTGTGATGACGGGTGCTTCACTGCTGCCGCTGTGACAGTGAAGATGTGCGG 120

QY 666 CTGCCCAGCTGGGACTGCCCAAGCCCCCAAGAAATACAGGTGCCAGGAAGTGTCTGC 722
DB 121 CTGCCCAGCTGGGACTGCCCAAGCCCCCAAGAAATACAGGTGCCAGGAAGTGTCTGC 177

RESULT 7
US-10-010-408-10
; Sequence 10, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1el Heparin-Induced CCN-Like Molecules
; and Uses Therefor
;
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
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; LOCATION: 1..174
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-010-408-10
Query Match          10.2%; Score 174; DB 14; Length 174;
Best Local Similarity 100.0%; Pred. No. 2.6e-81;
Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 825 CCTGTCCAATTTGAGACAGAGCTGGGCCCCCTGCTCAACCACTGTGGCTGGGCATA 884
   |||||
Db 1 CCTGTCCAATTTGAGACAGAGCTGGGCCCCCTGCTCAACCACTGTGGCTGGGCATA 60

QY 885 GCCACCCGAGTGTCCACAGAACCGATTCTGCCAATGAGATCCAAAGCCGCTGTGT 944
   |||||
Db 61 GCCACCCGAGTGTCCACAGAACCGATTCTGCCAATGAGATCCAAAGCCGCTGTGT 120

QY 945 CTGCCAGACCCCTGCTGGCAGCCAGAGCCACAGCTCATGGAACAGTCTTTC 998
   |||||
Db 121 CTGCCAGACCCCTGCTGGCAGCCAGAGCCACAGCTCATGGAACAGTCTTTC 174

RESULT 8
US-10-112-267-17
; Sequence 17, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-17

Query Match          5.3%; Score 90; DB 15; Length 1734;
Best Local Similarity 100.0%; Pred. No. 8.2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 410 AGTGTGTGACGAGGCTGGGGAGTCTGCGACCACTGATGTCTGGAACCCAGCCA 469
   |||||
Db 418 AGTGTGTGACGAGGCTGGGGAGTCTGCGACCACTGATGTCTGGAACCCAGCCA 477

QY 470 GGGCCTGTTTGTTCAGCCTGGGGCAGGCC 499
   |||||
Db 478 GGGCCTGTTTGTTCAGCCTGGGGCAGGCC 507

RESULT 9
US-10-112-267-18/c
; Sequence 18, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
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; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-18

Query Match          5.3%; Score 90; DB 15; Length 1734;
Best Local Similarity 100.0%; Pred. No. 8.2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 410 AGTGTGTGACGAGGCTGGGGAGTCTGCGACCACTGATGTCTGGAACCCAGCCA 469
   |||||
Db 1317 AGTGTGTGACGAGGCTGGGGAGTCTGCGACCACTGATGTCTGGAACCCAGCCA 1258

QY 470 GGGCCTGTTTGTTCAGCCTGGGGCAGGCC 499
   |||||
Db 1257 GGGCCTGTTTGTTCAGCCTGGGGCAGGCC 1228
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RESULT 10
US-09-908-975-2937
; Sequence 2937, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2937
; LENGTH: 65
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-908-975-2937

Query Match          3.2%; Score 54; DB 10; Length 65;
Best Local Similarity 100.0%; Pred. No. 1.2e-17;
Matches 54; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1559 TTCAGGAATGCACATCTCTTAAGCACTCCGAAAACAGGAGGCTCCACACCTCT 1612
Db 1 TTCAGGAATGCACATCTCTTAAGCACTCCGAAAACAGGAGGCTCCACACCTCT 54

RESULT 11
US-09-864-761-23432
; Sequence 23432, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aeomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 23432
; LENGTH: 199
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL139352.8
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
; OTHER INFORMATION: NT HIT: AF083500.1, EVALUATE 1.00e-108
; OTHER INFORMATION: SWISSPROT HIT: O19113, EVALUATE 9.00e-19

US-09-864-761-23432

Query Match 1.9%; Score 32; DB 9; Length 199;
Best Local Similarity 100.0%; Pred. No. 5.4e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 654 GAGGATGTGGCGGCTGCCAGCTGGGACTGCC 685
Db 129 GAGGATGTGGCGGCTGCCAGCTGGGACTGCC 160

RESULT 12
US-09-864-761-6698
; Sequence 6698, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aeomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 6698
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL139352.8
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
US-09-864-761-6698

Query Match 1.9%; Score 32; DB 9; Length 586;
Best Local Similarity 100.0%; Pred. No. 5.1e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 654 GAGGATGTGCGGCTGCCAGCTGGAGTGGCC 685
Db 342 GAGGATGTGCGGCTGCCAGCTGGAGTGGCC 373

RESULT 13

US-10-641-643-790
Sequence 790, Application US/10641643
Publication No. US20040077003A1
GENERAL INFORMATION:

APPLICANT: Cocks, Benjamin G.

Susan G. Stuart

Jeffrey J. Seilhamer

TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL

GENE EXPRESSION

NUMBER OF SEQUENCES: 1508

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 PORTER DRIVE

CITY: PALO ALTO

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/641,643

FILING DATE: 14-Aug-2003

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071

REFERENCE/DOCKET NUMBER: PA-0001 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 855-0555

TELEFAX: (650) 845-4166

INFORMATION FOR SEQ ID NO: 790:

SEQUENCE CHARACTERISTICS:

LENGTH: 647 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: LUNGPUT02

CLONE: 692911

SEQUENCE DESCRIPTION: SEQ ID NO: 790 :

US-10-641-643-790

Query Match 1.9%; Score 32; DB 17; Length 647;
Best Local Similarity 100.0%; Pred. No. 5.1e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 654 GAGGATGTGCGGCTGCCAGCTGGAGTGGCC 685
Db 138 GAGGATGTGCGGCTGCCAGCTGGAGTGGCC 169

RESULT 14

US-10-112-267-38
Sequence 38, Application US/10112267
Publication No. US20030068678A1
GENERAL INFORMATION:

APPLICANT: Botstein, David A.

Cohen, Robert

Goddard, Audrey

Gurney, Austin L.

Hillan, Kenneth J.

Lawrence, David A.

Levine, Arnold J.

Pennica, Diane

Roy, Margaret Ann

Wood, William I.

TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME

FILE REFERENCE: P1176R2

CURRENT APPLICATION NUMBER: US/10/112,267

CURRENT FILING DATE: 2002-03-27

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B

PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704

PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612

PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14

NUMBER OF SEQ ID NOS: 156

SEQ ID NO 38

LENGTH: 738

TYPE: DNA

ORGANISM: Homo sapiens

US-10-112-267-38

Query Match 1.9%; Score 32; DB 15; Length 738;
Best Local Similarity 100.0%; Pred. No. 5e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 375 GTACCCCTGTGCTGATGCTGTGCTGCTG 406
Db 115 GTACCCCTGTGCTGATGCTGTGCTGCTG 146

RESULT 15

US-10-112-267-39

Sequence 39, Application US/10112267

Publication No. US20030068678A1

GENERAL INFORMATION:

APPLICANT: Botstein, David A.

Cohen, Robert

Goddard, Audrey

Gurney, Austin L.

Hillan, Kenneth J.

Lawrence, David A.

Levine, Arnold J.

Pennica, Diane

Roy, Margaret Ann

Wood, William I.

TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME

FILE REFERENCE: P1176R2

CURRENT APPLICATION NUMBER: US/10/112,267

CURRENT FILING DATE: 2002-03-27

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B

PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704

PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612

PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14

NUMBER OF SEQ ID NOS: 156

SEQ ID NO 39

LENGTH: 841

; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1-841
; OTHER INFORMATION: Sequence is synthesized.
US-10-112-267-39

Query Match 1.9%; Score 32; DB 15; Length 841;
Best local Similarity 100.0%; Pred. No. 5e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 654 GAGGATGTGGCGCTGCCAGCTGGGACTGCCC 685
|||||
Db 417 GAGGATGTGGCGCTGCCAGCTGGGACTGCCC 448

Search completed: May 9, 2004, 15:43:56
Job time : 759.609 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 04:40:51 ; Search time 73.7605 Seconds
(without alignments)
6643.418 Million cell updates/sec

Title: US-10-010-408-1_COPY_1_883
Perfect score: 883
Sequence: 1 GACGCTTGATCTCCAGAG.....ACCACCTGTGGGCTGGGCAT 883

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 segs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents_NA:*

1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	727.6	82.4	1734	4	US-09-182-145-17 Sequence 17, Appl
2	727.6	82.4	1734	4	US-09-182-145-18 Sequence 18, Appl
3	434.6	49.2	1293	4	US-09-182-145-13 Sequence 13, Appl
4	434.6	49.2	1293	4	US-09-182-145-14 Sequence 14, Appl
5	423	47.9	738	4	US-09-182-145-38 Sequence 38, Appl
6	420.6	47.6	841	4	US-09-182-145-39 Sequence 39, Appl
7	222.8	25.2	647	4	US-09-023-655-790 Sequence 790, Appl
8	128.4	14.5	2075	1	US-08-167-628-1 Sequence 1, Appl
9	128.4	14.5	2075	1	US-08-386-680-1 Sequence 1, Appl
10	128.4	14.5	2075	1	US-08-459-717-1 Sequence 1, Appl
11	128.4	14.5	2075	1	US-08-712-302-1 Sequence 1, Appl
12	128.4	14.5	2075	2	US-08-880-031-1 Sequence 1, Appl
13	128.4	14.5	2075	3	US-09-097-179-1 Sequence 1, Appl
14	128.4	14.5	2075	3	US-09-080-715-1 Sequence 1, Appl
15	128.4	14.5	2075	4	US-09-142-569-7 Sequence 7, Appl
16	128.4	14.5	2075	4	US-09-461-688-1 Sequence 1, Appl
17	128.4	14.5	2075	4	US-09-023-655-1044 Sequence 1044, Ap
18	128.4	14.5	2075	5	PCT-US96-08140-1 Sequence 1, Appl
19	128.4	14.5	2998	3	US-09-054-368-1 Sequence 1, Appl
20	128.4	14.5	2998	3	US-09-054-274-1 Sequence 1, Appl
21	128.4	14.5	2998	3	US-09-056-704-1 Sequence 1, Appl
22	126	14.3	669	4	US-09-461-688-3 Sequence 3, Appl
23	125.8	14.2	2338	4	US-09-582-337-1 Sequence 1, Appl
24	125.8	14.2	2350	4	US-09-187-478-1 Sequence 1, Appl
25	125	14.2	1146	4	US-09-348-815-1 Sequence 1, Appl
26	124.2	14.1	2350	4	US-09-292-036-1 Sequence 1, Appl
27	123.4	14.0	1418	4	US-09-142-569-3 Sequence 3, Appl

28	120.8	13.7	2267	4	US-09-142-569-5 Sequence 5, Appl
29	117	13.3	1480	4	US-09-142-569-1 Sequence 1, Appl
30	105.6	12.0	1766	4	US-09-182-145-9 Sequence 9, Appl
31	105.6	12.0	1766	4	US-09-182-145-10 Sequence 10, Appl
32	102.8	11.6	1128	2	US-08-459-101A-1 Sequence 1, Appl
33	97	11.0	1062	4	US-09-253-316-3 Sequence 3, Appl
34	96.2	10.9	2830	4	US-09-182-145-1 Sequence 1, Appl
35	96.2	10.9	2830	4	US-09-182-145-2 Sequence 2, Appl
36	84	9.5	4214	4	US-09-122-135-1 Sequence 1, Appl
37	75.4	8.5	1142	4	US-09-253-316-1 Sequence 1, Appl
38	75.4	8.5	1212	4	US-09-182-145-34 Sequence 34, Appl
39	75.4	8.5	1212	4	US-09-182-145-35 Sequence 35, Appl
40	75.4	8.5	1335	4	US-09-182-145-30 Sequence 30, Appl
41	75.4	8.5	1335	4	US-09-182-145-31 Sequence 31, Appl
42	73.8	8.4	1403	4	US-09-182-145-23 Sequence 23, Appl
43	65.8	7.5	1101	4	US-09-182-145-29 Sequence 29, Appl
44	63.4	7.2	693	4	US-09-182-145-24 Sequence 24, Appl
45	63.4	7.2	1202	4	US-09-182-145-26 Sequence 26, Appl

ALIGNMENTS

RESULT 1
US-09-182-145-17
: Sequence 17, Application US/09182145B
: Patent No. 6387657
: GENERAL INFORMATION:
: APPLICANT: Botstein, David A.
: APPLICANT: Cohen, Robert
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Lawrence, David A.
: APPLICANT: Levine, Arnold J.
: APPLICANT: Pennica, Diane
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
: FILE REFERENCE: P1176R2
: CURRENT APPLICATION NUMBER: US/09/182,145B
: CURRENT FILING DATE: 1998-10-29
: EARLIER APPLICATION NUMBER: US 60/063,704
: EARLIER FILING DATE: 1997-10-29
: EARLIER APPLICATION NUMBER: US 60/073,612
: EARLIER FILING DATE: 1998-02-04
: EARLIER APPLICATION NUMBER: US 60/081,695
: NUMBER OF SEQ ID NOS: 156
: SEQ ID NO 17
: LENGTH: 1734
: TYPE: DNA
: ORGANISM: Mus musculus
: US-09-182-145-17

Query Match 82.4%; Score 727.6; DB 4; Length 1734;
Best local similarity 91.9%; Pred. No. 7.1e-191;
Matches 816; Conservative 0; Mismatches 59; Indels 13; Gaps 4;

QY	3	CGCTTGTGATCTCCAGAGACCCCTGGGCTGGACAGGGGCTTGCAAGGCTGCAGCCGC 62
DB	13	CGCTCTGATCTCCAGAGACCCCGGGCTGGACAGGGGCTTGCGAGGCTGCAGCTGC 72
QY	63	TG-GGAGTGGCTTGAATGAGGCTTTAATTACTGGGAAGTGAAGAGCTAAGAGGCTCC 121
DB	73	TGTGGCAGTAGCTTGGATGAGGCTTTCTTCTGCTGGGAAGTGAAGAGGCTCC 132
QY	122	TGTGAG--CTGTCTAAAGCTTAGACTGTGTGGCTTGCGCTTCAACACTGTCA 178
DB	133	TGTGAGGCTCTGCTCTAAACTTTGGCACTTGGGCTTGCGCTTCAACACTGTCA 192
QY	179	GACACCTTGTGTGGCTTGCAGGGCTTCACCTTCAAGTTGAAGCTTGCGCTTCAACAGGG 238

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Db      193 GACACCTTCTTGGTGGCTCTCTGGCC-----TCAGGTTTGAAGCTGGCTCCACAAGG 246
QY      239 ACACGGTGACATGAGGGGACGCCACTGATCCATCTTCTGGCCACTTCTCTCTGCT 298
      |||
Db      247 ACACGGTGACATGAGGGGACGCCACTGATCCATCTTCTGGCCACTTCTCTCTGCT 306
QY      299 TCTCTCAATGATGTGTGCGCAGCTGTGCGGACACCCCTGTACCTGTCTCTTGAACCAACC 358
      |||
Db      307 TCTCTCAATGATGTATATCCAGCTGTGCGGACACCCCTGTCTCTTGAACCAACC 366
QY      359 CCAGTCCACACAGGGGTACCCCTGTGTCTGATGGCTGTCTGTAAAGTGTGC 418
      |||
Db      367 CCAGTCCACACCGGGGTACCCCTGTGTCTGATGGCTGTCTGTGAGTGTGC 426
QY      419 ACAGAGCTGGGGGAGTCTCTGCGACCACTGATGTCTGCGACCCCAAGGCTGTGT 478
Db      427 ACAGAGCTGGGGGAGTCTCTGCGACCACTGATGTCTGCGACCCCAAGGCTGTGT 486
QY      479 TTGTCAAGCTGGGGGAGGCTCTGCGGCGCATGGGGCTGTGTCTCTTGAATGAGATGA 538
Db      487 TTGTCAAGCTGGGGGAGGCTCTGCGGCGCATGGGGCTGTGTCTCTTGAATGAGATGA 546
QY      539 CGGTAGCTGTGAGGTGAATGCGCGAGGTACCTGATGAGAGACCTTTAAACCAATTG 598
Db      547 CGGTAGCTGTGAGGTGAATGCGCGAGGTACCTGATGAGAGACCTTTAAACCAATTG 606
QY      599 CAGGCTCTGTGCGGCTGTGATGACGGTGGCTTACCTGCTGCGCTGTGAGTGAAGA 658
Db      607 CAGGCTTTGTGCGGCTGTGATGACGGTGGCTTACCTGCTGCGCTGTGAGTGAAGA 666
QY      659 TGTGCGGCTGCGGCTGTGAGTGGAGCTGCCACGCCCCAAGAGATACAGGTGCCAGAAAGTG 718
Db      667 TGTGCGGCTGCGGCTGTGAGTGGAGCTGCCACGCCCCAAGAGATACAGGTGCCAGAAAGTG 726
QY      719 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGA---CAACGGCGATCCAGGCTCCACGGC 775
Db      727 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGAAGTGAAGCCGCAATCCAGCCCTCTCAGC 786
QY      776 GCAAGGACACCACTTCTGCGCTTGTACTCTGCTCTGTCTGTCTCTCTCTCTCTCTCT 835
Db      787 CCAAGGACACCACTTCTGCGCTTGTACTCTGCTCTGTCTCTGTCTCTCTCTCTCTCTCT 846
QY      836 TTGAGACACAGCTGGGGGCGCCCTGTCTCAACCACTGTGGGCTGGGCT 883
Db      847 CTGAGACACAGCTGGGGGCGCCCTGTCTCAACCACTGTGGGCTGGGCT 894

RESULT 2
US-09-182-145-18/c
; Sequence 18, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
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; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-182-145-18

Query Match      82.4%; Score 727.6; DB 4; Length 1734;
Best Local Similarity 91.9%; Pred. No. 7.1e-191;
Matches 816; Conservative 0; Mismatches 59; Indels 13; Gaps 4;

QY      3 CGCTTCTGATCTCCAGAGACCCCTGGGGTGGGACAGGGCCCTTGGCAAGGCTGCACGCC 62
      |||
Db      1722 CGCTCCTGATCTCCAGAGACCCCGGGCTGGGACAGGGCCCTTGGCGAGGCTGCAGCTGC 1663
QY      63 TG-GGAGTGGCTTGAATGAGAGTCTTTAATTACTGGGAATGAGAGCTAAAGAGCTCC 121
      |||
Db      1662 TGTGCAAGTGGCTTGGGATGAGAGTCTTTCTGTGCTGGAACTGAGAGCTGAGAGCTCC 1603
QY      122 TGTCAAG---CTTGTCTAAAGTCTTAGACTGTGTGCTTGGGCTTGCACACTGTCA 178
      |||
Db      1602 TGTCAAGCTCCTGTCTTAAACTCTTGGCACTGGGGTGGCTTGGCTTGCACACTGTCA 1543
QY      179 GACACCTTGTGTGGTGGCTTCCAGGCTCACCCTTCAAGTTTGAAGCTGGCTCCAGAGG 238
      |||
Db      1542 GACACCTTCTTGTGGTGGCTTCTCGGC-----TCAGTTTGAAGCTGGCTCCAGAGG 1489
QY      239 ACACGGTGACATGAGGGGACGCCCACTGATCCATCTTCTGGCCACTTCTCTCTGCT 298
Db      1488 ACACGGTGACATGAGGGGACGCCCACTGATCCATCTTCTGGCCACTTCTCTCTGCA 1429
QY      299 TCTCTCAATGTGTGTGCGGCAAGCTGTGCGGACACCCCTGTACCTGTCTCTTGAACCA 358
Db      1428 TCTCTCAATGTGTGTATTTCCAGCTGTGCGGACGACACCCCTGTCTCTTGAACCA 1369
QY      359 CCAAGTCCACAGGGGGTACCCCTGTGTGTGATGAGTGTGTGCTGTAAAGTGTGC 418
Db      1368 CCAAGTCCACAGGGGGTACCCCTGTGTGTGATGAGTGTGTGCTGTAAAGTGTGC 1309
QY      419 ACAGAGCTGGGGAGTCTGCGACCACTGATGTCTGCGACCCCAAGGCTGTGT 478
Db      1308 ACAGAGCTGGGGAGTCTGCGACCACTGATGTCTGCGACCCCAAGGCTGTGT 1249
QY      479 TTGTCAAGCTGGGGAGGCTGCGGCGGCAATGGGGCTGTGTCTCTTGAATGAGATGA 538
Db      1248 TTGTCAAGCTGGGGAGGCTGCGGCGGCAATGGGGCTGTGTCTCTTGAATGAGATGA 1189
QY      539 CGGTAGCTGTGAGGTGAATGCGCGAGGTACCTGATGAGAGACCTTTAAACCAATTG 598
Db      1188 CGGTAGCTGTGAGGTGAATGCGCGAGGTACCTGATGAGAGACCTTTAAACCAATTG 1129
QY      599 CAGGCTCTGTGCGGCTGTGATGACGGTGGCTTACCTGCTGCGCTGTGAGTGAAGA 658
Db      1128 CAGGCTTTGTGCGGCTGTGATGACGGTGGCTTACCTGCTGCGCTGTGAGTGAAGA 1069
QY      659 TGTGCGGCTGCGGCTGTGAGTGGAGTGCACGCCCCAAGAGATACAGGTGCCAGAAAGTG 718
Db      1068 TGTGCGGCTGCGGCTGTGAGTGGAGTGCACGCCCCAAGAGATACAGGTGCCAGAAAGTG 1009
QY      719 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGA---CAACGGCGATCCAGGCTCCAGGC 775
Db      1008 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGAAGTGAAGCCGCAATCCAGCCCTCTCAGC 949
QY      776 GCAAGGACACCACTTCTGCGCTGTCACTGCTGCTCTGTCTGATGCTCTGTCTCAAA 835
Db      948 CCAAGGACACCACTTCTGCGCTGTCACTGCTGCTCTGTCTGATGAGGCTCTGTCTCAAA 889
QY      836 TTGAGACACAGCTGGGGGCGCCCTGTCTCAACCACTGTGGGCTGGGCT 883
Db      888 CTGAGACACAGCTGGGGGCGCCCTGTCTCAACCACTGTGGGCTGGGCT 841
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RESULT 3
US-09-182-145-13
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; Sequence 13, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 13
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-182-145-13
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Query Match          49.2%; Score 434.6; DB 4; Length 1293;
Best Local Similarity 79.9%; Pred. No. 3.2e-110;
Matches 512; Conservative 0; Mismatches 129; Indels 0; Gaps 0;
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QY 243 GGTGACATGAGGGGAGAGCCCACTGATCCATCTTCTGCGCACTTCTCTGCTCTCTC 302
Db 16 GGGACATGAGAGGACACACCGAAGACCACCTCTGCGCTTCTCTCTCTGCTCTCTC 75

QY 303 TCAATGCTGTGTGCCAGCTGTGCCGAGACACCCCTGTACCTGTCTCTTGACACACCCAG 362
Db 76 TCAAGGTGCGTACCCAGCTGTGCCGAGACACCATGTACTGCTCTGCGCACTCTCCCGA 135

QY 363 TGCCACAGGGGGTACCCCTGTGCTGATGGCTGTGCTGTCTGTAAGTGTGTGACGG 422
Db 136 TGCCGCTGGAGTACCCCTGTGCTGATGGCTGTGCTGTGCTGCTGCGGATGTGACGG 195

QY 423 AGGCTGGGGAGTCTCTGCGACCACTGATGTCTGCGACCCCAAGCCAGGCTGTGTGT 482
Db 196 CGGCTGGGGAGCCCTGCGACCACTTCCAGTCTGCGACGCGCAAGGCGCTGTGTGTG 255

QY 483 CAGCTGGGGAGCCCTGCGCGCATGGGCTGTGTCTGTCTTGATGAGATGACGGT 542
Db 256 CAGCCCGGGGAGAGACCCGGTGGCGGGGGGCGCTGTGTCTGTGGCAGAGAGACAGC 315

QY 543 AGCTGTGAGTGAATGGCCGAGTACCTGATGAGAGACCTTTAAACCAATTGACGG 602
Db 316 AGCTGTGAGTGAACGGCCGCTGTATCGGGAAGGGGAGACTTCCAGCCCACTGACGC 375

QY 603 GTCTGTGCGCGCTGTGATGACGGTGGCTTCACTGCTGCGCGCTGTGCAAGTGAATG 662
Db 376 ATCCGCTGCGCGCTGCGAGAGCGCGGCTTCACTGCTGCGCGCTGTGCAAGGATGTG 435

QY 663 CGGCTGCCAGCTGGAGCTGCCACGCGCCCAAGAAATACAGGTGCCAGGAAAGTGTGC 722
Db 436 CGGCTGCCAGCTGGAGCTGCCACGCGCCCAAGAGGGTTCAGGTCTGGGCAAGTGTGC 495

QY 723 CCGGAGTGGGTATGTGACAGGAGTGAACAACGGCGATCCAGGCTCCAGCGGCAAGGA 782
Db 496 CCGGAGTGGGTATGTGACAGGAGGAGGAGAGTGGGAGCCAGCGCTTCCAGCCCAAGGA 555

QY 783 CACCAACTTCTGCGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 842
Db 556 CCGCACTTCTGCGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 615
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QY 843 ACAGCTGGGGCCCTGCTCAACCACTGTGGGCTGGGCAT 883
Db 616 ACGGCTGGGACCTGTCTGACCACTGTGGGCTGGGCAT 656
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RESULT 4
US-09-182-145-14/c
; Sequence 14, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 14
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-182-145-14
```

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Query Match          49.2%; Score 434.6; DB 4; Length 1293;
Best Local Similarity 79.9%; Pred. No. 3.2e-110;
Matches 512; Conservative 0; Mismatches 129; Indels 0; Gaps 0;
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QY 243 GGTGACATGAGGGGAGAGCCCACTGATCCATCTTCTGCGCACTTCTCTGCTCTCTC 302
Db 1278 GGGACATGAGAGGACACACCGAAGACCACCTCTGCGCTTCTCTCTCTGCTCTCTC 1219

QY 303 TCAATGCTGTGTGCCAGCTGTGCCGAGACACCCCTGTACCTGTCTCTTGACACACCCAG 362
Db 1218 TCAAGGTGCGTACCCAGCTGTGCCGAGACACCATGTACTGCTCTGCGCACTCTCCCGA 1159

QY 363 TGCCACAGGGGGTACCCCTGTGCTGATGGCTGTGCTGTCTGTAAGTGTGTGACGG 422
Db 1158 TGCCGCTGGAGTACCCCTGTGCTGATGGCTGTGCTGTGCTGCTGCGGATGTGACGG 1099

QY 423 AGGCTGGGGAGTCTCTGCGACCACTGATGTCTGCGACCCCAAGCCAGGCTGTGTGT 482
Db 1098 CGGCTGGGGAGCCCTGCGACCACTTCCAGTCTGCGACGCCAGGCGCTGTGTGTG 1039

QY 483 CAGCTGGGGAGCCCTGCGCGCATGGGCTGTGTCTGTCTTGATGAGATGACGGT 542
Db 1038 CAGCCCGGGGAGAGACCCGGTGGCGGGGGGCGCTGTGTCTTGGCAGAGAGACGACAGC 979

QY 543 AGCTGTGAGTGAATGGCCGAGTACCTGATGAGAGAGACCTTTAAACCAATTGACGG 602
Db 978 AGCTGTGAGTGAACGGCCGCTGTATCGGGAAGGGGAGACTTCCAGCCCACTGACGC 919

QY 603 GTCTGTGCGCGCTGTGATGACGGTGGCTTCACTGCTGCGCGCTGTGCAAGTGAATG 662
Db 918 ATCCGCTGCGCGCTGCGAGAGCGCGGCTTCACTGCTGCGCGCTGTGCAAGGATGTG 859

QY 663 CGGCTGCCAGCTGGAGCTGCCACGCGCCCAAGAAATACAGGTGCCAGGAAAGTGTGC 722
Db 858 CGGCTGCCAGCTGGAGCTGCCACGCGCCCAAGAGGAGGTGCTGCGCAAGTGTGC 799
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Db 126 TGCCCGCTGGAGTACCCCTGTGTTGATGCTGTGCTGCGGGTATGTGACGG 185
QY 423 AGGCTGGGGAGTCTGTGGACCACTGATGTTCGGACCCAGCGGCTGTTGT 482
Db 186 CGGCTGGGGAGCCCTGGACCAACTCCACGTCTGCGACGCGAGCGGCTGCTGC 245
QY 483 CAGCTGGGGCAGCCCTGGCGCCATGGGGCTGTGTCTCTTGGATGAGATGACGGT 542
Db 246 CAGCCCGGGCAGACCCGGTGGCCGGGGCCCTGTGCTCTTGGCAGAGACGACAGC 305
QY 543 AGCTGTAGGTGAATGGCCGACAGTACCTGATGAGAGACCTTAAACCAATTGACAG 602
Db 306 AGCTGTAGGTGAACGGCCGCTGTATCGGAGAGGAGACCTTCCAGCCCACTGACAGC 365
QY 603 GTCTGTGCTCCGCTGTGATGACGGTGGCTTCACTGCTGCGCTGTGCAATGAGATGTG 662
Db 366 ATCCGCTGCCGCTGGAGGACGGCGGCTTCACTGCGTGCCTGTGCAAGCATGTG 425
QY 663 CGGCTGCCAGCTGGGACTGCCCCACGCCCCAAGAAATACAGGTGCCAGGAAAGTCTGC 722
Db 426 CGGCTGCCAGCTGGGACTGCCCCACGCCCCAAGAGGTGAGGTCTTGCGCAAGTCTGC 485
QY 723 CCCGAGTGGGTATGTGACGAGGAGTGAACACCGCGCATCCAGCGCTCCAGCGCGCAAGGA 782
Db 486 CCTGAGTGGGTGTGCGGCAAGAGAGGGGACTGGGACCAAGCCCTTCCA--GCCCAAGGA 543
QY 783 CACCAACTTTCTGCCCTTGTCACTCCTGCTGTGATGCTCTTGTCCAAATTGAGAGC 842
Db 544 CCCCAGTTTCTGCGCTGTCTCTTCCCTGCCCCCTGTGTCCCTGCCCAATGAGAGC 603
QY 843 ACAGCCTGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAT 883
Db 604 ACGGCTGGGGAGCCCTGCTCGACCACTGTGGGCTGGGCAT 644
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RESULT 7
US-09-023-655-790
; Sequence 790, Application US/09023655
; Patent No. 6607879
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```
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023, 655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
```

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; INFORMATION FOR SEQ ID NO: 790:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 647 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: LUNGTU02
; CLONE: 692911
; US-09-023-655-790
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Query Match 25.2%; Score 222.8; DB 4; Length 647;
Best Local Similarity 78.2%; Pred. No. 5.4e-52;
Matches 280; Conservative 0; Mismatches 77; Indels 1; Gaps 1;
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QY 526 TGGATGAGATGACGGTACCTGTGAGGTGAATGGCCGACGATACCTGATGAGAGACCT 585
Db 10 TGGCAGAGAGACGACGACGCTGTGAGGTGAACGGCCGCTGTATCGGGAAGGAGACCT 69
QY 586 TTAACCCCAATTGCAAGGCTCCTGTGCGCTGTGATGACGGTGGCTTCACTGCTGCCGC 645
Db 70 TCCAGCCCACTGCAAGATCCGCTGCGCTGCGAGAGACGGCGGCTTCACTGCGTCCGC 129
QY 646 TGTGAGTGAAGATGTGCGGCTGCCAGCTGGGACTGCCACGCCCCAAGAAATACAGG 705
Db 130 TGTGACAGGAGATGTGCGGCTGCCAGCTGGGACTGCCACGCCCCAAGAGAGGTGAGG 189
QY 706 TGCCAGGAAGTGTGCCCCGAGTGGGTATGTGACGAGGATGACACCGCGCATCCAGC 765
Db 190 TCCTGGGCAAGTGTGCGGCTGCCAGTGGGTGTGCGGCAAGAGAGGGGACTGGGGA-CCAGC 248
QY 766 GCTCCAGCGGCGCAAGACACCACTTTCTGCCCCCTGTGACTCCTGCTGCTGATGCTC 825
Db 249 CCCTTCAGCCCAAGGACCCCACTTTCTGCGCTGTCTCTTCCCTGCCCTGGGTGCTCC 308
QY 826 CTGTCCAAATTGAGACACAGCCCTGGGGCCCTGCTCAACCACTGTGGGCTGGGCAT 883
Db 309 CCGCCCAAGATGAGACACGCGCTGGGACCTGCTGACCACTGTGGGCTGGGCAT 366
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RESULT 8
US-08-167-628-1
; Sequence 1, Application US/08167628
; Patent No. 5408040
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; GENERAL INFORMATION:
; APPLICANT: Grotendorst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/167, 628
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/752, 427
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr. Ph.D., John W.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-1294
; TELECOMMUNICATION INFORMATION:
```



```

/ TELEPHONE: 619-455-5100
/ TELEFAX: 619-455-5110
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 2075 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ IMMEDIATE SOURCE:
/ CLONE: DB60R32
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 130..1177
/
US-08-167-628-1

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Query Match	14.5%;	Score 128.4;	DB 1;	Length 2075;
Best Local Similarity	52.2%;	Pred. No. 8.2e-26;		
Matches 338; Conservative	0;	Mismatches 301;	Indels 9;	Gaps 2;

QY	242	CGGTACATGAGGGGACGCCACTGATCCATCTTCTGGCCACTTCTCTCTGCTTCT	301
Db	135	CGCCGCCAGTATGGGCCCCCGTCCGCGTCGCCCTTGGTGTCTCTCTCGCCCTCTGCAGCCG	194
QY	302	CTCAATGTTGTGTGCCCCCAGCTGTGCCCCGACACACCCTGTACCTGTCTGTGACACCAACCCCA	361
Db	195	GCCGGCCGTCGGCCAGAACTGCAAGCGGGCCGTGCCGGTGGCCCCGAGCAGCCGGCCGCGG	254
QY	362	GTGCCCCACAGGGGGTACCCCTGTGCTGGATGGCTGTGGCTGTCTGTAAAGTGTGACAG	421
Db	255	CTGCCCCGGGGCGTGAAGCTGTGCTGGAACGGCTGCGGCTGTGCTGCTGCTGCGCCAA	314
QY	422	GAGGCTGGGGAGTCTGTGCCAACACTGTGCTGTGCGAACCCCGACGCCAGGGCTGTGTTG	481
Db	315	GCAGCTGGGCGAGCTGTGCACCGAGCGGCAACCCTGCGAACCCGCACAAAGGCTCTTCTG	374
QY	482	TCAGCTGGGGCAGGCCCTGTGGCCCATGGGCTGTGTCTCTTGTGATGAGGATGACGG	541
Db	375	TGACTTCGGCTCCCCGGCCAAACCGCAAGATCGGCGTGTG--CACCGCAAGATGGTGC	431
QY	542	TAGCTGTGAGTGAATGGCCGAGTACCTGATGAGAGAACCTTTAAACCAATTGCAG	601
Db	432	TCCCTGCATCTTCGTGTGATGAGTGAACCGAGCGAGAGTCTTCCAGAGCAAGCTGCAA	491
QY	602	GGTCTGTGCGCTGTGATGACGGTGGCTTCACTGCTGCGCTGCGCTGTGCACTGAGGATGT	661
Db	492	GTACCAGTGCACGTGCTGAGACGGGGGGTGGGCTGCATGCCCTGTGCAAGCATGACGT	551
QY	662	GCGGCTGCCAGCTGGGACTGCCACGCCCCAAGAGAATACAGGTGCCAGAAAGTGTCTG	721
Db	552	TGCTTGCCCAGCCCTGACTGCCCTTCCGAGAGAGGTCAAGCTGCCCGGAAATGCTG	611
QY	722	CCCCGAGTGGGTATGTGACCAAGGAGTGAACCCGGCGATCCAGCGCTCCAGCGCGCAAG	781
Db	612	CGAGGAGTGGGTGTGTGACGAGGCCCAAGAACCAACCCTGTTGGGCTGCCCTCGCGGC	671
QY	782	ACACCAACTTTCTGCCCTTGTCACTCCTGCTCTGC-----TGATGCTCTGTGCCAA	835
Db	672	TTAACCAGCTGGAAGACACGTTTGGCCCCAGACCCCACTATGATTAGAGCCCACTGCTGT	731
QY	836	TTGAGCACAGCCTTGGGGCCCTGTCTCAACCACTGTGGGCTGGGCAT	883
Db	732	CCAGACCAACAGAGTGAAGCGCCTGTTCACAAGCACTGTGGGATGGGCAT	779

RESULT 9
US-08-386-680-1
; Sequence 1, Application US/08386680
; Patent No. 5585270
; GENERAL INFORMATION:
; APPLICANT: Grotendorst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.,
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR

NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Spensley Horn Jubas & Lubitz
 STREET: 4225 Executive Square, Suite 1400
 CITY: La Jolla
 STATE: CA
 COUNTRY: US
 ZIP: 92037
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/386,680
 FILING DATE: 10-FEB-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/167,628
 FILING DATE:
 APPLICATION NUMBER: US/07/752,427
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Wetherell, Jr. Ph.D., John W.
 REGISTRATION NUMBER: 31,678
 REFERENCE/DOCKET NUMBER: PD-1294
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 619-455-5100
 TELEFAX: 619-455-5110
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2075 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 IMMEDIATE SOURCE:
 CLONE: DB6OR32
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 130..1177
 US-08-386-680-1

Query Match	14.5%;	Score 128.4;	DB 1;	Length 2075;
Best Local Similarity	52.2%;	Pred. No. 8.2e-26;		
Matches 338; Conservative	0;	Mismatches 301;	Indels 9;	Gaps 2;

QY	242	CGGTGACATGAGGGCAGCCCACTGATCCATCTTGTGGCACTTCCTCTCTGCCTTCT	301
Dp	135	CGCCGCCAGTATGGGCCCTCCGCGTGCCCTTGTTGGTCTCTGACCCTCTGCAGCCG	194
QY	302	CTCAATGTTGTGTGCCAAGCTGTGCCGACACCCCTGTACTGTCTTGAACAACCACCCCA	361
Dp	195	GCCGCCGTCCGCCAGAAGTCAAGCGGCCGTGCCGGTGCCCGGACGAGCCGGCCGGCG	254
QY	362	GTGCCACACAGGGGTAACCCCTGTGCTGTGATGGCTGTGGCTGTGTAAGTGTGTGCACG	421
Dp	255	CTGCCCGCGGGCGTGAAGCTGTGCTGGACGGCTGCGGCTGTGCCGCTGTGCCCAA	314
QY	422	GAGCTGGGGAGTCTTCGCAACCACTGCATGTCTGCACCCCAAGCCAGGGCTGTTTG	481
Dp	315	GCAGCTGGGCGAGCTGTGCAACGAGCGCAACCCCTGCACCCGCACAAGGGCTCTTCTG	374
QY	482	TCAAGCTGGGCGAGGCCCTGCGGCCCATGEGGCTGTGTCTCTTGATGAGATGACGG	541
Dp	375	TGACTTCGGCTCCCCGGCCAACGCAAGATCGGCGTGTG--CACGCCAAAGATGGTGC	431
QY	542	TAGCTGTAGGTGAATGGCCGCAAGTACTGTGATGAGAGACCTTTAAACCAATTGCAG	601
Dp	432	TCCCTGCATCTTCGGTGTACGGTGTACCGCAGCGAGAAGTCTTCCAGAGCAGCTGCAA	491
QY	602	GGTCTGTGCCGCTGTGATGACGGTGGCTTCACTGCTGCCGCTGTGTGACGTGAGGATGT	661

Db 492 GTACCACTGACAGTGCCTTGACGAGGCGGCTGGGCTGCATGCCCCCTGTGACAGATGAGCGT 551
QY 662 GCGGCTGCCAGCTGGGACTGCCACGCCCCAAGAGATAACAGTGGCCAGGAAAGTCTG 721
Db 552 TCGTCTGCCAGCCCTGACTGCCCCCTTCCCGAGAGGGGTCAAGCTGCCCCGGAATGCTG 611
QY 722 CCCCAGTGGGTATGTGACCAAGGAGTGAACCCGCGATCCAGCGCTCCACGCGCAAGG 781
Db 612 CGAGAGTGGGTGTGTGACGAGCCCAAGACCAACCGGTGTTGGCCCTGCCCTGCGCGC 671
QY 782 ACACCACTTTCTGCCCTTGTCACTCCTGCTGCTGC-----TGATGCTCCTTGTCCAAA 835
Db 672 TTACCGACTGGAAGACACGTTTGCCCAAGACCCCACTATGATTAGAGCCAACTGCTGT 731
QY 836 TTGAGACACAGCCTGGGCGCCCTGCTCAACCACTGTGGCTGGGCAT 883
Db 732 CCAGACCAACAGAGTGGAGCGCCTGTTCAGAGACCTGTGGATGGGCAT 779

RESULT 10
US-08-459-717-1
; Sequence 1, Application US/08459717
; Patent No. 5770209
; GENERAL INFORMATION:
; APPLICANT: Grotendorst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.,
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,717
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/752,427
; FILING DATE: 30-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr. Ph.D., John W.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-1294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: DB60R32
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 130..1177
; US-08-459-717-1

Query Match 14.5%; Score 128.4; DB 1; Length 2075;
Best Local Similarity 52.2%; Pred. No. 8.2e-26;
Matches 338; Conservative 0; Mismatches 301; Indels 9; Gaps 2;
QY 242 CGGTGACATGAGGGGACGCCCACTGATCATCTTCTG3CCACTTCTCTGCTGCTTCT 301

Db 135 CGCCGCAATATGGGCCCCCGTCCGCGTCCGCTTGTGTCTCTCTCGCCCTGTGACGCCG 194
QY 302 CTCAATGCTGTGTGCCCACTGCTGTGCGGAGACACCTGTACCTGTCTTGGACACACCCCA 361
Db 195 GCCGGCCGTCCGCCAAGAACTGACAGCGGGCCGTGCCGGTCCCGGACGAGCCGGCGCGG 254
QY 362 GTGCCACAGGGGTAACCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 421
Db 255 CTGCCCCGGCGGTGAGCTGT 314
QY 422 GAGGCTGGGGAGTCTGTGACCACTGTGATGTGTGCAACCCAGCCAGGCGCTGTTT 481
Db 315 GCAGCTGGGCGAGCTGTGACCGAGCGGACCCCTGCGAACCCGACAAAGGCGCTTCTG 374
QY 482 TCAGCTGGGCGAGCCCTGTGCGGCGCATGGGCTGTGTGTGTGTGTGTGTGTGTGTGTGT 541
Db 375 TGACTTGGCTCCCGGCGCAACCGCAAGATCGGCGTGTG---CACCGCAAGATGCTGC 431
QY 542 TAGCTGAGTGAATGCGCGGAGTACCTGTGATGAGAGACCTTAAACCAATTGACG 601
Db 432 TCCCTGCATCTTCGGTGTGATCGGTGACCGGACGAGAGAGTCTTCCAGAGCAGCTGCAA 491
QY 602 GGTCTGTGCGCTGTGATGACGCTGTGCTTCACTGCTGCGCTGTGCACTGAGATGT 661
Db 492 GTACCACTGACAGTGTGCTGACGCGGGCGGTGGCTGCATGCCCTGTGACAGATGAGCT 551
QY 662 GCGGCTGCCAGCTGGGACTGCCCAACGCCCCAAGAGAAATACAGGTGCCAGGAAGTCTG 721
Db 552 TCGTCTGCCAGCCTGACTGCCCCCTTCCGAGAGAGGTCAAGCTGCCCGGAAATGCTG 611
QY 722 CCCCAGTGGTATGTGACCAAGGAGTGAACCGGCGATCCAGCGCTCCAGGCGCAAGG 781
Db 612 CGAGAGTGGGTGTGTGACGAGCCCAAGACCAAAACCGTGTGGGCTGCTGCGCGC 671
QY 782 ACACCACTTTCTGCCCTTGTCACTCCTGCTGCTGC-----TGATGCTCCTTGTCCAAA 835
Db 672 TTACCGACTGGAAGACACGTTTGCCCAAGACCCCACTATGATTAGAGCCAACTGCTGT 731
QY 836 TTGAGACACAGCCTGGGCGCCCTGCTCAACCACTGTGGCTGGGCAT 883
Db 732 CCAGACCAACAGAGTGAAGCGCCTGTTCAGAGACCTGTGGATGGGCAT 779

RESULT 11
US-08-712-302-1
; Sequence 1, Application US/08712302
; Patent No. 5783187
; GENERAL INFORMATION:
; APPLICANT: Grotendorst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.,
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/712,302
; FILING DATE: 11-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/386,680
; FILING DATE: 10-FEB-1995
; APPLICATION NUMBER: US/08/167,628

FILING DATE: US/07/752,427
APPLICATION NUMBER: US/07/752,427
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-08-712-302-1

Query Match 14.5%; Score 128.4; DB 1; Length 2075;
Best Local Similarity 52.2%; Pred. No. 8.2e-26;
Matches 338; Conservative 0; Mismatches 301; Indels 9; Gaps 2;

QY 242 CGGTGACATGAGGGGAGCCCACTGATCCATCTTCTGACCCTCTCTGCTTCT 301
DB 135 CGCCGCGCATGATGGGCGCCGCTCCGCGTCCCTGCTGCTCTCTGCTGAGCCG 194
QY 302 CTCAATGCTGTGTCGCCAGCTGTGCGGACACCTGTATCCTGCTTGAACACCA 361
DB 195 GCCGCGCGTCCGACAGACGAGCGGCGTGCCTGCGGACGAGCGCGCGCG 254
QY 362 GTGCCACAGGGGATACCCCTGCTGATGCTGCTGCTGCTGCTGCTGCTGCTG 421
DB 255 CTGCGCGCGCGGCGCTGAGCTGCTGCTGAGCGGCTGCTGCTGCTGCTGCTG 314
QY 422 GAGGCTGGGGAGTCTGCGACCACTGATGCTGCGACCCCGACGAGCGCTGCT 481
DB 315 GCAGCTGGGGAGTCTGCTGACCGAGCGGCGACCCCTGCGACCCGACAGGCG 374
QY 482 TCAGCTGGGGAGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 541
DB 375 TGACTTGGGCTCCCGCGCAACCGCAAGATCGCGCTG---CACCGCAAGATG 431
QY 542 TAGCTGTAGGTGAATGCGCGAGGTAACCTGATGAGAGACCTTTAAACCAAT 601
DB 432 TCCCTGATCTTCTGCTGAGGTGTAACGCTGTAACGAGCGGAGATCTTCA 491
QY 602 GGTCTGTGCGCGCTGTGATGAGCGGTGCTTACCTGCTGCTGCTGCTGCTGCT 661
DB 492 GTACCAAGTGCAGTGTGCTGAGCGGGCGGTGCGCTGATGCTGCTGCTGCT 551
QY 662 GCGGCTGGCCAGCTGAGTCCCAAGCCCAAGAGATAAGGTGCGAGGAAGTCT 721
DB 552 TCGTCTGCCAGCGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 611
QY 722 CCGCGAGTGGGTATGTGACCAAGGATGACACCGCGGATCCAGCGCGCGCA 781
DB 612 CGAGGAGTGGGTGTGTGACGAGCCCAAGCAACCGGTGCTGCGCTGCTGCG 671
QY 782 ACACCACTTTCTGCGCTGTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 835
DB 672 TTACCACTGGAAGACACGTTGGCGCAGACCAACTATGATTAAGCAACTGCT 731
QY 836 TTGAGACACAGCTGGGGCGCGCTGCTCAACCACTGTGGGCTGGGCTAT 883
DB 732 CCAGACCAACAGAGTGGAGCGCGCTTCCAAAGACCTGTGGATGGGCTAT 779

RESULT 12

US-08-880-031-1
Sequence 1, Application US/08880031
Patent No. 5916756

GENERAL INFORMATION:

APPLICANT: Grotendorst, Gary R.
APPLICANT: Bradham Jr., Douglas M.
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Juba & Lubitz
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/880,031

FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/167,628

FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr. Ph.D., John W.

REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294

TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100

TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs

TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: cDNA

IMMEDIATE SOURCE:
CLONE: DB60R32

FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177

US-08-880-031-1

Query Match 14.5%; Score 128.4; DB 2; Length 2075;
Best Local Similarity 52.2%; Pred. No. 8.2e-26;
Matches 338; Conservative 0; Mismatches 301; Indels 9; Gaps 2;

QY 242 CGGTGACATGAGGGGAGCCCACTGATCCATCTTCTGACCCTCTCTGCTTCT 301
DB 135 CGCCGCGCATGATGGGCGCCGCTCCGCGTCCCTGCTGCTCTCTGCTGAGCCG 194
QY 302 CTCAATGCTGTGTCGCCAGCTGTGCGGACACCTGTATCCTGCTTGAACACCA 361
DB 195 GCCGCGCGTCCGACAGACGAGCGGCGTGCCTGCGGACGAGCGCGCGCG 254
QY 362 GTGCCACAGGGGATACCCCTGCTGATGCTGCTGCTGCTGCTGCTGCTGCTG 421
DB 255 CTGCGCGCGCGGCGCTGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 314
QY 422 GAGGCTGGGGAGTCTGCGACCACTGATGCTGCGACCCCGACGAGCGCTGCT 481
DB 315 GCAGCTGGGGAGTGTGACCGAGCGGCGACCCCTGCGACCCGACAGGCGCT 374
QY 482 TCAGCTGGGGAGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 541
DB 375 TGACTTGGGCTCCCGCGCAACCGCAAGATCGCGCTG---CACCGCAAGATG 431

QY 542 TAGCTGTGAGGTGAATGGCCCGCAGGTACTCTGATGGAGAGACCTTTAAACCCAAATTGCAG 601
Db 432 TCCCTGCATCTTGGGTGTAACGGGTGTACCCGACGGAGAGATCCTTCCAGAGCAGCTGCAA 491
QY 602 GGTCTCTGTGCCCGCTGTGATGACCGGTGGCTTCACTGCCTGCCGCTGTGCAGTGAAGATGT 661
Db 492 GTACCAAGTGCACGTGCCTGAGACGGGGCGGTGGGCTGCATGCCCTGTGCAGCATGACGT 551
QY 662 GCGCGTCCCCAGCTGGGACTGCCACGCCCAAGAAATACAGGTGCCAGGAAGTGTCTG 721
Db 552 TCGTCTGCCACGCCCTGACTGCCCTTCCCGAGAGAGGTCAAGCTGCCCGGAATGCTG 611
QY 722 CCCCAGTGGGTATGTGACCAAGAGAGTGAACCGGCGATCCAGCGCTCCACGGCGCAAG 781
Db 612 CGAGGAGTGGGTGTGTGACGAGGCCCAAGAACCAACCCTGTTGGGCTGCCCTCGCGGC 671
QY 782 ACACCAACTTTCTGCCCTTGTCACTCCCTGCTTGC-----TGATGCTCTTGTCCAA 835
Db 672 TTACCGACTGGAAGACACGTTTGGCCCAAGCCCACTATGATTAGAGCCCACTGCTGCT 731
QY 836 TTGGAGCACAGCCTGGGGCCCTGTCTCAACCACTGTGGGCTGGGCAT 883
Db 732 CCAGACCAACAGAGTGGAGCGCCTGTTCACAGACCTGTGGATGGGCAT 779

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RESULT 13
US-09-097-179-1
; Sequence 1, Application US/09097179
; Patent No. 6149916
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; GENERAL INFORMATION:
; APPLICANT: Grotendorst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.,
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/097,179
; FILING DATE:
;
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/386,680
; FILING DATE: 10-FEB-1995
; APPLICATION NUMBER: US/08/167,628
; FILING DATE:
; APPLICATION NUMBER: US/07/752,427
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr. Ph.D., John W.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-1294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
;
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: DB60R32
;

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;          FEATURE:
;          NAME/KEY:      CDS
;          LOCATION:      130..1177
US-09-097-179-1

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Query Match	14.5%;	Score 128.4;	DB 3;	Length 2075;
Best Local Similarity	52.2%;	Pred. No. 8.2e-26;		
Matches 338; Conservative	0;	Mismatches 301;	Indels 9;	Gaps 2;

QY		242	CGGTGACATGAGGGGCAGCCCACTGATCCATCTTTGSCCACTTCTTCCTCCTGCTTCT	301
Db		135	CGCCGCCAGTATGGCCCCCGTCCCGCTGCGCTTGTTGTCTCTCTCGCCCTCTGCAGCCG	194
QY		302	CTCAATGGTGTGTGCCAGCTGTGTCCGGACACCCTGTACTGTCTCTTGGAACAACCCCA	361
Db		195	GCCGCGCGTGGCCAGAACTGCAGCGGGCCGTGCCGGTGCCTCCGACGACCGGCGCCGCG	254
QY		362	GTGCCACAGGGGGTACCCCTGTGTCTGTGATGGCTGTGTGCTGTCTTAAGTGTGCACG	421
Db		255	CTGCCCGCGGGCGTGAAGCTTGTGTCTGTGACGGCTGCGGCTGTGCGCGTCTGCGCAA	314
QY		422	GAGGCTGGGGAGTCTTGCAGCACCTGCATGTCTGCGAACCACGACGAGGCTGTGTTG	481
Db		315	GCACTGGGCGAGTGTGCACCGAGCGCGACCCCTGCGAACCCGACAGGGGCTCTTCTG	374
QY		482	TCACTTGGGCGAGGCTCTGCGGCCCATGAGGCTGTGTCTCTTGATGAGATGACGG	541
Db		375	TGACTTCGGCTCCCGGCCAACCGAAGATCGGCGTGTG---CACGCCAAAAGATGGTGC	431
QY		542	TAGCTGTGAGTGAATGGCGCGCAGTAACTTGATGAGAGAAGCTTTAAACCCAATTGCAG	601
Db		432	TCCCTGCATCTTCGGTGGTACGGTGTACCGCAGCGAGAGTCTCTTCAGAGCAGCTGCAA	491
QY		602	GGTCTGTGCGCTGTGTATGACGGTGGCTTCACTGCTGCGCTGTGCAGTGAAGATGT	661
Db		492	GTACCAAGTGCACGTGCTGTGACGGGGCGGTGGCTGCATGCCCTGTGCACATGGAAGT	551
QY		662	GCGGCTGCCAGCTGGGACTGCCACGCCCCCAAGAAATACAGTGTGCCAGGAAAGTGTG	721
Db		552	TGCTGTGCCAGCCCTGACTGCCCCCTTCCGAGGAGGTCAAGTGTCCCGGAAAAATGCTG	611
QY		722	CCCCGAGTGGTATGTGACAGGGAAGTAGACACCGCGATCCAGCGCTTCCACGGCGCAAGG	781
Db		612	CGAGGAGTGGGTGTGTGACAGGCCCAAGAACCAAAACGTGTTGGGCTGCCCCGCGGC	671
QY		782	AACCAACTTTCGCCCTGTCACTCCTGCGCTGTG-----TGATGCTCTTGTGCCAAA	835
Db		672	TTACCGACTGGAAGACACGTTTGGCCAGACCAACTATGATTAAGACCAACTGCGCTGT	731
QY		836	TTGAGCACAGCCTGGGGCCCTGCTCAACCAACCTGTGGGCTGGGCAT	883
Db		732	CCAAGACACAGAGTGAAGCCCTGTTCCAAGACCTGTGGGATGGGCAT	779

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RESULT 14
US-09-080-715-1
; Sequence 1, Application US/09080715
; Patent No. 6190884
; GENERAL INFORMATION:
; APPLICANT: Grotenborst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.,
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
;

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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/080,715
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/167,628
FILING DATE:
APPLICATION NUMBER: US/07/752,427
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wehereil, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5110
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-09-080-715-1

Query Match 14.5%; Score 128.4; DB 3; Length 2075;
Best Local Similarity 52.2%; Pred. No. 8.2e-26;
Matches 338; Conservative 0; Mismatches 301; Indels 9; Gaps 2;
QY 242 CGGTGACATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 301
DB 135 CGCCGCAATATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 194
QY 302 CTCAATGATGATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 361
DB 195 GCGGCGGAGTATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 254
QY 362 GTGCCACAGGGGAGTACCCCTGCTGATGAGGGGAGCCCACTGATTCATCTTCTGCTTCT 421
DB 255 CTGCCCCGAGGGGAGTACCCCTGCTGATGAGGGGAGCCCACTGATTCATCTTCTGCTTCT 314
QY 422 GAGGCTGGGGAGTCTTGCAGACCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 481
DB 315 GCAGCTGGGGAGTCTTGCAGACCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 374
QY 482 TCAGCTGGGGAGGAGCCCTGCGGCAATGGGGCTGTGTCTTCTTGGATGAGATGACGG 541
DB 375 TGACTTGGGCTGCCCGGCAACCGCAAGATCGCGTGTG--CACCGCCAAAGATGTGC 431
QY 542 TAGCTGTAGGTGAATGCGCGCAGGTAAGTGAATGAGAGAGACCTTTAAACCAATTGCA 601
DB 432 TCCCTGCACTTTCGTTGTTGTAAGTGAATGAGAGAGACCTTTCCAGAGCAGTGC 491
QY 602 GGTCTGTGCGGCTGTGATGAGGAGTGTTCACCTGCGCTGCGCTGTGAGTGAATGT 661
DB 492 GTACCAATGACGTGCTGAGCGGGGAGTGGGCTGATGCGGCTGTGAGCAGATGAGCT 551
QY 662 GCGGCTGCCAGCTGGGAGTGCACGCGCCCAAGAGATATACAGGTGCAAGAAAGTGTG 721
DB 552 TCGTCTGCCAGCCCTGACTGCCCTTCCGAGAGAGGTCAAGTGTGCGGGAATGTG 611
QY 722 CCGGAGTGGGTATGTGACCAAGGAGTGAACCGGAGTCAAGGCTCCACGCGCAAG 781
DB 612 CGAGAGTGGGTGTGTGACGAGCCCAAGAGCAAAACGTTGGTGGCTTGCCTCGCGG 671
QY 782 ACACCACTTCTGCGCTTGTGACTCTGCTCTGC-----TGATGCTCTTGTCCAA 835

DB 672 TTACCGACTGGAGACACCGTTTGGCCAGACCACTATGATTAGAGCCCACTGCTGT 731
QY 836 TTGAGCACAGCTGGGGGAGCCCTGCTCAACCACTGTGGCTGGCAT 883
DB 732 CCAGACCACAGAGTGAAGCGGCTGTTCAGACCTGTGGATGGCAT 779

RESULT 15
US-09-142-569-7
Sequence 7, Application US/09142569
Patent No. 6413735
GENERAL INFORMATION:
APPLICANT: Lau, Lester F.
TITLE OF INVENTION: Extracellular Matrix Signalling Molecules
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/142,569
FILING DATE: 02-Apr-1999
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28758/33766
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: "CTGF cDNA coding sequence"
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-142-569-7

Query Match 14.5%; Score 128.4; DB 4; Length 2075;
Best Local Similarity 52.2%; Pred. No. 8.2e-26;
Matches 338; Conservative 0; Mismatches 301; Indels 9; Gaps 2;

QY 242 CGGTGACATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 301
DB 135 CGCCGCAATATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 194
QY 302 CTCAATGATGATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 361
DB 195 GCGGCGGAGTATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 254
QY 362 GTGCCACAGGGGAGTACCCCTGCTGATGAGGGGAGCCCACTGATTCATCTTCTGCTTCT 421
DB 255 CTGCCCCGAGGGGAGTACCCCTGCTGATGAGGGGAGCCCACTGATTCATCTTCTGCTTCT 314
QY 422 GAGGCTGGGGAGTCTTGCAGACCACTGATTCATCTTCTGGCCACTTCTTCTGCTTCT 481
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QY      482 TCAGCCTGGGGCAGGCCCTGGCCGCATGGGGCTGTGTCTCTTGATGAGATGACGG 541
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      375 TGACTTCGGCTCCCCGGCCAACCAAGATCGGCGTGTG---CACCGCCAAAGATGTGC 431
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY      542 TAGCTGTGAGGTGAATGCGCCAGGTACTTGATGAGAGACTTTAAACCAATTGCAG 601
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      432 TCCCTGCATCTTCGGTGTACGGGTGTAACCGCAGCGAGAGTCCCTTCAGAGCAGCTGCAA 491
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY      602 GGTCTGTGCCCGCTGTGATGACGGTGGCTTCACTGCTGCCGCTGTGCAGTGAGATGT 661
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      492 GTACCAGTGCACGTGCTGACCGGGCGGTGGGCTGCATGCCCTGTGCAGCATGACGT 551
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY      662 GCGGCTGCCCAGCTGGAGCTGCCACGCCCCCAAGAGAATACAGGTGCCAGAAAGTCTG 721
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      552 TCGTCTGCCCAGCCCTGACTGCCCTTCCCGAGAGGGTCAAGCTGCCCGGAATGCTG 611
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QY      722 CCGGAGTGGGTATGTGACCAGGAGTGACACCGCGCATCCAGCGCTCCACGGCGCAAG 781
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      612 CGAGGAGTGGGTGTGTGACGAGCCCAAGAACCAACCCTGTGGGCTGCCCTCGCGGC 671
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY      782 ACACCAACTTCTGCCCTGTCACTCTGCTCTGC-----TGATGCTCCTTGTCCAA 835
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      672 TTACCGACTGGAAGACACAGTTTGGCCCCAGACCCCACTATGATTAGAGCCAACTGCTGGT 731
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY      836 TTGAGACACAGCCCTGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAT 883
      | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      732 CCAGACCACAGAGTGAGCGCCTGTTCAAAGACCTGTGGGATGGGCAT 779
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Job time : 75.7605 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 05:00:41 ; Search time 392.185 Seconds
(without alignments)
10199.232 Million cell updates/sec

Title: US-10-010-408-1_COPY_1_883
Perfect score: 883
Sequence: 1 GACGCTTCTGATCTCCAGAG.....ACCACCTGTGGCTGGCAT 883

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2941586 seqs, 2264995651 residues

Total number of hits satisfying chosen parameters: 5883172

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA:*

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3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
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13: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq2:*
14: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
15: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
17: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	883	100.0	1708	14	US-10-010-408-1	Sequence 1, Appli
2	727.6	82.4	1734	15	US-10-112-267-17	Sequence 17, Appl
3	727.6	82.4	1734	15	US-10-112-267-18	Sequence 18, Appl
4	635	71.9	753	14	US-10-010-408-3	Sequence 3, Appli
5	566	64.1	681	14	US-10-010-408-12	Sequence 12, Appl
6	440	49.8	1337	9	US-09-915-582-30	Sequence 30, Appl
7	440	49.8	1337	15	US-10-277-802-30	Sequence 30, Appl
8	439.8	49.8	1352	9	US-09-915-582-14	Sequence 14, Appl
9	439.8	49.8	1352	15	US-10-277-802-14	Sequence 14, Appl
10	434.6	49.2	1266	13	US-10-147-493-319	Sequence 319, App
11	434.6	49.2	1266	13	US-10-145-127-319	Sequence 319, App
12	434.6	49.2	1266	13	US-10-160-503-319	Sequence 319, App
13	434.6	49.2	1266	13	US-10-143-118-319	Sequence 319, App
14	434.6	49.2	1266	13	US-10-144-993-319	Sequence 319, App

15	434.6	49.2	1266	13	US-10-158-787-319	Sequence 319, App
16	434.6	49.2	1266	13	US-10-140-024-319	Sequence 319, App
17	434.6	49.2	1266	13	US-10-140-808-319	Sequence 319, App
18	434.6	49.2	1266	13	US-10-152-405-319	Sequence 319, App
19	434.6	49.2	1266	13	US-10-127-852A-319	Sequence 319, App
20	434.6	49.2	1266	13	US-10-127-900A-319	Sequence 319, App
21	434.6	49.2	1266	13	US-10-128-685A-319	Sequence 319, App
22	434.6	49.2	1266	13	US-10-131-820A-319	Sequence 319, App
23	434.6	49.2	1266	13	US-10-142-886-319	Sequence 319, App
24	434.6	49.2	1266	13	US-10-146-728-319	Sequence 319, App
25	434.6	49.2	1266	13	US-10-146-786-319	Sequence 319, App
26	434.6	49.2	1266	13	US-10-147-499-319	Sequence 319, App
27	434.6	49.2	1266	13	US-10-157-798-319	Sequence 319, App
28	434.6	49.2	1266	15	US-10-028-072-319	Sequence 319, App
29	434.6	49.2	1266	15	US-10-121-049-319	Sequence 319, App
30	434.6	49.2	1266	15	US-10-123-904-319	Sequence 319, App
31	434.6	49.2	1266	15	US-10-140-470-319	Sequence 319, App
32	434.6	49.2	1266	15	US-10-175-746-319	Sequence 319, App
33	434.6	49.2	1266	15	US-10-176-918-319	Sequence 319, App
34	434.6	49.2	1266	15	US-10-176-921-319	Sequence 319, App
35	434.6	49.2	1266	15	US-10-137-865-319	Sequence 319, App
36	434.6	49.2	1266	15	US-10-140-474-319	Sequence 319, App
37	434.6	49.2	1266	15	US-10-142-431-319	Sequence 319, App
38	434.6	49.2	1266	15	US-10-143-114-319	Sequence 319, App
39	434.6	49.2	1266	15	US-10-140-002-319	Sequence 319, App
40	434.6	49.2	1266	15	US-10-142-419-319	Sequence 319, App
41	434.6	49.2	1266	15	US-10-123-262-319	Sequence 319, App
42	434.6	49.2	1266	15	US-10-142-423-319	Sequence 319, App
43	434.6	49.2	1266	15	US-10-121-050-319	Sequence 319, App
44	434.6	49.2	1266	15	US-10-141-755-319	Sequence 319, App
45	434.6	49.2	1266	15	US-10-143-032-319	Sequence 319, App

ALIGNMENTS

RESULT 1
US-10-010-408-1
Sequence 1, Application US/10010408
Publication No. US20020165185A1

GENERAL INFORMATION:
APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced C6N-like Molecules and Uses Therefor

NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1708 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 249..1001
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-010-408-1

Query Match 100.0%; Score 883; DB 14; Length 1708;
Best Local Similarity 100.0%; Pred. No. 2.5e-259;
Matches 883; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GACGCTTCTGATCTCCAGAGAGACCCTGGGGTGGACAGGGGCTTGGCAAGGCTGACGCC 60
DB 1 GACGCTTCTGATCTCCAGAGAGACCCTGGGGTGGACAGGGGCTTGGCAAGGCTGACGCC 60
QY 61 GCTGGCAGTGGCTTGAATGAGGCTTTATTACTGGAACTGAGAGCTAAGAGGCTC 120
DB 61 GCTGGCAGTGGCTTGAATGAGGCTTTATTACTGGAACTGAGAGCTAAGAGGCTC 120
QY 121 CTGTCAAGCTTCTCTAAAGTCTTAGCACTTGTGGCTTGGCTTCAACACTGTGAGA 180
DB 121 CTGTCAAGCTTCTCTAAAGTCTTAGCACTTGTGGCTTGGCTTCAACACTGTGAGA 180
QY 181 CACCTTCGTGGGCTCTCCAGGCTCACCCTTCAAGTTGAAGCTGGCTCCACAAGGAG 240
DB 181 CACCTTCGTGGGCTCTCCAGGCTCACCCTTCAAGTTGAAGCTGGCTCCACAAGGAG 240
QY 241 ACGGTGACATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTCTGCTC 300
DB 241 ACGGTGACATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTCTGCTC 300
QY 301 TCTCAATGATGTGCTCCAGCTGTGCGGAGACCCCTGTACCTGTCTTCTTGAACACCACCC 360
DB 301 TCTCAATGATGTGCTCCAGCTGTGCGGAGACCCCTGTACCTGTCTTCTTGAACACCACCC 360
QY 361 AGTCCCAAGGGGAGTCTTCCAGCACTGTGCTGAGTGGCTGTGCTGTAAGTGTGAC 420
DB 361 AGTCCCAAGGGGAGTCTTCCAGCACTGTGCTGAGTGGCTGTGCTGTAAGTGTGAC 420
QY 421 GGAGGCTGGGGAGTCTTCCAGCACTGTGCTGAGTGGCTGTGCTGTAAGTGTGAC 480
DB 421 GGAGGCTGGGGAGTCTTCCAGCACTGTGCTGAGTGGCTGTGCTGTAAGTGTGAC 480
QY 481 GTCAAGCTGGGGAGGCTTGGCGGCACTGTGCTGAGTGGCTGTGCTGTAAGTGTGAC 540
DB 481 GTCAAGCTGGGGAGGCTTGGCGGCACTGTGCTGAGTGGCTGTGCTGTAAGTGTGAC 540
QY 541 GTAGCTGTGAGTGAATGGCCGAGGTAAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAG 600
DB 541 GTAGCTGTGAGTGAATGGCCGAGGTAAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAG 600
QY 601 GGGTCTGTGCTGTGATGACGGTGGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTG 660
DB 601 GGGTCTGTGCTGTGATGACGGTGGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTG 660
QY 661 TGGGCTGCGCAGCTGGGAGTGGCCAGCCCAAGAGAGATACAGGTCAGAGGAAAGTGT 720
DB 661 TGGGCTGCGCAGCTGGGAGTGGCCAGCCCAAGAGAGATACAGGTCAGAGGAAAGTGT 720
QY 721 GCGCCGAGTGGTATGTGACAGGAGTGAACCGGAGTCCAGCGCTCCACGGCGCAAG 780
DB 721 GCGCCGAGTGGTATGTGACAGGAGTGAACCGGAGTCCAGCGCTCCACGGCGCAAG 780
QY 781 GACACCACTTTTGGCCCTTGTCACTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 840
DB 781 GACACCACTTTTGGCCCTTGTCACTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 840

QY 841 GCACAGCCTGGGGGCTGCTCAACCACTGTGGGCTGGGCAT 883
DB 841 GCACAGCCTGGGGGCTGCTCAACCACTGTGGGCTGGGCAT 883

RESULT 2

US-10-112-267-17
Sequence 17, Application US/10112267
Publication No. US20030068678A1
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
PRIOR FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 17
LENGTH: 1734
TYPE: DNA
ORGANISM: Mus musculus
US-10-112-267-17

Query Match 82.4%; Score 727.6; DB 15; Length 1734;
Best Local Similarity 91.9%; Pred. No. 7.4e-212;
Matches 816; Conservative 0; Mismatches 59; Indels 13; Gaps 4;

QY 3 CGCTTCTGATCTCCAGAGACCTGGGGTGGACAGGGGCTTGGCAAGGCTGACGCC 62
DB 13 CGCTTCTGATCTCCAGAGACCTGGGGTGGACAGGGGCTTGGCAAGGCTGACGCC 62
QY 63 TG-GCAGTGGCTTGAATGAGGCTTTATTACTGGAACTGAGAGAGCTAAGAGGCTCC 121
DB 73 TGTGGCAGTAGCTTGGAGTGAAGTCTTCTTGTGCTGGAACTGAGAGAGCTGAGAGGCTCC 132
QY 122 TGTGAG---CTTGTCTTAAAGTCTTAGCACTGTGCTGGCTTGGGCTTCAACACTGTCA 178
DB 133 TGTGAGGCTCTCTCTTAAAGTCTTGGCACTGTGCTGGGCTTGGGCTTCAACACTGTCA 192
QY 179 GACACCTTGTGCTGGCTCCAGGCTTCACTTCAAGTTGAAGCTGGCTCCACAAGGG 238
DB 193 GACACCTTGTGCTGGCTCCAGGCTTCACTTCAAGTTGAAGCTGGCTCCACAAGGG 246
QY 239 ACACGCTGACATGAGGGGAGGCCACTGATCCATCTTCTGSCCACTTCTCTCTGCT 298
DB 247 ACACGCTGACATGAGGGGAGGCCACTGATCCATCTTCTGSCCACTTCTCTCTGCT 306
QY 299 TCTCTAAATGCTGTGCTCCAGCTGTGCTGGAGACACCTGTACTGTCTTGAACACACC 358
DB 307 TCTCTAAATGCTGTATTCACAGCTGTGCTCCAGACACCTGTGCTGTCTTGAACACACC 366
QY 359 CCAGTGGCCACAGGGGGTACCCCTGTGCTGATGCTGTGCTGTGCTGTAAAGTGTGTC 418
DB 367 CCAGTGGCCACAGGGGGTACCCCTGTGCTGATGCTGTGCTGTGCTGTGCTGTGCTGTC 426
QY 419 ACGAGGCTGGGGAGTCTTGGCAACCTGATGTCTGCGACCCCAAGGCTGTGT 478


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Db 427 ACGAGGCTGGGGAGTCTCTGCGACCACTGCATGTCTGCGACCCCAAGCCAGGCGCTGCT 486
QY 479 TTGTCAAGCTGGGGCAGGCGCTGCGGCCATGGGGCTGTGTCTCTTGTGATGAGATGA 538
Db 487 TTGTCAAGCTGGGGCAGGCGCGCAAGTGGCCGTGTGTGTCTCTTGAAGAGATGA 546
QY 539 CGGTAGCTGTGAGTGAATGGCCGACAGGTACCTGTGATGAGAGACCTTTAAACCAATTG 598
Db 547 CGGAGCTGTGAGTGAATGGCCGACAGTACCTGTGATGAGAGACCTTTAAACCAATTG 606
QY 599 CAGGCTCTGTGCGCTGTGATGACGGTGGCTTACCTGCTGCGCTGTGAGTGAAGA 658
Db 607 CAGGCTTTGTGCGCTGTGATGACGGTGGCTTACCTGCTGCGCTGTGAGTGAAGA 666
QY 659 TGTGCGGCTGCGCCAGCTGGGACTGCCCCAGCCCCAAGATAACAGTGCAGGAAAGTG 718
Db 667 TGTGCGGCTGCGCCAGCTGGGACTGCCCCAGCCCCAAGATAACAGTGCAGGAAAGTG 726
QY 719 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGA---CACCGCGATCCAGCGCTCCACGGC 775
Db 727 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGAAGTGCAGCGCCGCAATCCAGCGCTCTCAGC 786
QY 776 GCAAGGACACCAACTTTCTGCCCCCTGTGCACTCTGCTGTGATGCTCTGTGCCAAA 835
Db 787 CCAAGGACACCAACTTTCTGCCCCCTGTGCACTCTGCTGTGATGCTCTGTGCCAAA 846
QY 836 TTGAGCACAGCCTGGGGCCCTGCTCAACCACTGTGGGCTGGGCAT 883
Db 847 CTGAGCACAGCCTGGGGCCCTGCTCAACCACTGTGGGCTGGGCAT 894
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RESULT 3

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US-10-112-267-18/c
; Sequence 18, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-18
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Query Match 82.4%; Score 727.6; DB 15; Length 1734;
Best Local Similarity 91.9%; Pred. No. 7.4e-212;
Matches 816; Conservative 0; Mismatches 59; Indels 13; Gaps 4;
QY 3 CGCTTCTGATCTCCAGAGGAGCCCTGGGGTGGGACAGGGGCTTGGCAAGGCTGCAGCCGC 62
Db 1722 CGCTCTGATCTCCAGAGGAGCCCGGGCTGGGACAGGGGCTTGGCGAGGCTGCAGCTGC 1663
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QY 63 TG-GGAGTGGCTTGGAAATGGAGTCTTTATTACTGGGAACTGAGAGCTTAAGAGCTCC 121
Db 1662 TGTGGAGTAGCTTGGGATGGAGTCTTTCTGTGGAACTGAGAGCTGAAGGCTCC 1603
QY 122 TGTGAG---CTTGCTTAAAGTCTTAGCACTGTGTGGCTTGGGCTTCAACACTGTCA 178
Db 1602 TGTGAGCTCTCTGCTTAAACTCTTGGCACTGCGGTGGCTTGGCTTCAACACTGTCA 1543
QY 179 GACACCTTGTGTGGCTCTCCAGCGCTCACTTCAAGTTTGAAGCTGGCTCAAGGG 238
Db 1542 GACACCTTGTGTGGCTCTCCGCGC-----TCAGTTTGAAGCTGGCTCAAGGG 1489
QY 239 ACACGTTGACATGAGGGGCAAGCCCACTGATTCATCTTGTGGCACTTCTCTGCT 298
Db 1488 ACACGTTGACATGAGGGGCAAGCCCACTGATTCATCTTGTGGCACTTCTCTGCT 1429
QY 299 TCTCTCAATGTTGTGTGCGCCAGCTGTGCGGACACCTGTACCTGTCTTGGACACCA 358
Db 1428 TCTCTCAATGTTGTATTTCCAGCTGTGCGGACACCTGTGCTGTCTTGGACACCA 1369
QY 359 CCAAGTCCCAAGGGGTAACCCCTGCTGTGATGGCTGTGCTGTAAAGTGTGTC 418
Db 1368 CCAAGTCCCAAGGGGTAACCCCTGCTGTGATGGCTGTGCTGTAAAGTGTGTC 1309
QY 419 ACGAGGCTGGGGAGTCTCTGCAACCACTGATGTCTGCGAACCCAGCGGCTGTG 478
Db 1308 ACGAGGCTGGGGAGTCTCTGCAACCACTGATGTCTGCGAACCCAGCGGCTGTG 1249
QY 479 TTGTCAAGCTGGGGCAGGCCCTGCGGCAATGGGCTGTGTCTCTTGAAGATGA 538
Db 1248 TTGTCAAGCTGGGGCAGGCCCTGCGGCAATGGGCTGTGTCTCTTGAAGATGA 1189
QY 539 CGGTAGCTGTGAGTGAATGGCCGACGTACTGATGAGAGACCTTTAAACCAATTG 598
Db 1188 CGGAGCTGTGAGTGAATGGCCGACGTACTGATGAGAGACCTTTAAACCAATTG 1129
QY 599 CAGGCTCTGTGCGCTGTGTGATGACGGTGGCTTCACTGCTGCGCTGTGAGTGAAGA 658
Db 1128 CAGGCTTTGTGCGCTGTGTGATGACGGTGGCTTCACTGCTGCGCTGTGAGTGAAGA 1069
QY 659 TGTGCGGCTGCGCCAGCTGGGACTGCCAGCCCCAAGAAATACAGTGCAGGAAAGTG 718
Db 1068 TGTGCGGCTGCGCCAGCTGGGACTGCCAGCCCCAAGAAATACAGTGCAGGAAAGTG 1009
QY 719 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGA---CACCGCGATCCAGCGCTCCACGGC 775
Db 1008 CTGCCCCGAGTGGGTATGTGACCAAGGAGTGAAGTGCAGCGGCAATCAGCGCTCTCAGC 949
QY 776 GCAAGGACCAACTTTCTGCGCTTGTCACTGCTGCTGTGATGCTCTTGTGCCAAA 835
Db 948 CCAAGGACCAACTTTCTGCGCTTGTCACTGCTGATGCTGCGGATGCGCCCTGTCCAAA 889
QY 836 TTGAGCACAGCCTGGGGCCCTGCTCAACCACTGTGGGCTGGGCAT 883
Db 888 CTGAGCACAGCCTGGGGCCCTGCTCAACCACTGTGGGCTGGGCAT 841
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RESULT 4

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US-10-010-408-3
; Sequence 3, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1el Heparin-Induced CCN-Like Molecules
; and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
```

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COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 753 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..750
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-010-408-3

Query Match      71.9%; Score 635; DB 14; Length 753;
Best Local Similarity 100.0%; Pred. No. 1.2e-183;
Matches 635; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      249  ATGAGGGGAGCCCCACTGATCCATCTTCTGGCCACTTCTTCTCTCTCTCAATG 308
DB      1   ATGAGGGGAGCCCCACTGATCCATCTTCTGGCCACTTCTTCTCTCTCAATG 60

QY      309  GTGTGTGCCCCAGCTGTGCCGGACACCCCTGTACCTGTCTTGGACACACCCAGTGCCCA 368
DB      61  GTGTGTGCCAGCTGTGCCGGACACCCCTGTACCTGTCTTGGACACACCCAGTGCCCA 120

QY      369  CAGGGGGTACCCCTGTGTCTGATGGCTGTGGCTGTCTGTAAGTGTGTGACGGAGGCTG 428
DB      121  CAGGGGGTACCCCTGTGTCTGATGGCTGTGGCTGTCTGTAAGTGTGTGACGGAGGCTG 180

QY      429  GGGGAGTCTCTGCGACCACTGATGTCGTCGACCCCAAGCCAGGGCTGTTGTCAAGCCT 488
DB      181  GGGGAGTCTCTGCGACCACTGATGTCGTCGACCCCAAGCCAGGGCTGTTGTCAAGCCT 240

QY      489  GGGGAGGCCCCCTGGCGGCCATGGGGCTGTGTCTCTTGGATGAGGATGACGGTAGCTGT 548
DB      241  GGGGAGGCCCCCTGGCGGCCATGGGGCTGTGTCTCTTGGATGAGGATGACGGTAGCTGT 300

QY      549  GAGGTGAATGGCCGACAGTACTGTGATGAGAGAACCTTTAAACCCAAATTGCAGGGTCTG 608
DB      301  GAGGTGAATGGCCGACAGTACTGTGATGAGAGAACCTTTAAACCCAAATTGCAGGGTCTG 360

QY      609  TGCCGCTGTGATGACGCTGCTTCACTGCTCCGCTGTGACGTGAGGATGTGCGGCTG 668
DB      361  TGCCGCTGTGATGACGCTGCTTCACTGCTCCGCTGTGACGTGAGGATGTGCGGCTG 420

QY      669  CCCAGCTGGGACTGCCCAAGCCCCCAAGAGATAACAGGTGCCAGAAAGTGTGCCCCGAG 728
DB      421  CCCAGCTGGGACTGCCCAAGCCCCCAAGAGATAACAGGTGCCAGAAAGTGTGCCCCGAG 480

QY      729  TGGGTATGTGACCAAGGAGTGACACCGGCGCATCCAGCGCTCCACGCGCAAGGACACCAA 788
DB      481  TGGGTATGTGACCAAGGAGTGACACCGGCGCATCCAGCGCTCCACGCGCAAGGACACCAA 540

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QY	789	CTTTTCGCCCTTGTCACCTCCTGCGCTGTGCTGATGCCTCCTTGTCCAAATTGGAGCACAGCC	848
DB	541	CTTTCGECCTTGTCACCTCCTGCGCTGTGCTGATGCCTCCTTGTCCAAATTGGAGCACAGCC	600
QY	849	TGGGGCCCCCTGCTCAACCACCTGTGGGCTGGGCAT	883
DB	601	TGGGGCCCCCTGCTCAACCACCTGTGGGCTGGGCAT	635

RESULT 5
US-10-010-408-12

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; Sequence 12, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castello, Jr.
; TITLE OF INVENTION: No. US20020165185A1el Heparin-Induced CCN-Like Molecules
; and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 681 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..681
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-010-408-12

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Query Match	Best Local Similarity	Score	Pred.	No.	Mismatches	Indels	Gaps
QY	318	CAGCTGTGCCCGGACACCCCTGTACTGTCTTGGACACCA	64.1%	100.0%	0	0	0
DB	1	CAGCTGTGCCCGGACACCCCTGTACTGTCTTGGACACCA	64.1%	100.0%	0	0	0
QY	378	CCCCTGTGCTGTGATGGCTGTGCTGTCTTAAGTGTGTGCA	64.1%	100.0%	0	0	0
DB	61	CCCCTGTGCTGTGATGGCTGTGCTGTCTTAAGTGTGTGCA	64.1%	100.0%	0	0	0
QY	438	TGCGACCACTGCATGTCTGGAACCCAGCGAGGCTGTTCAG	64.1%	100.0%	0	0	0

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Db      121  TGGACACCTGATGTGGAACCCAGCCAGGCGCTGTTGTACGCTGGGACAGC 180
QY      498  CTTGGCGCCATGGGCTGTGTCTCTTGATGAGATGACGGTAGCTGTGAGTGAAT 557
Db      181  CTTGGCGCCATGGGCTGTGTCTCTTGATGAGATGACGGTAGCTGTGAGTGAAT 240
QY      558  GGGCGAGGTACCTGATGAGAGACCTTTAAACCAATTGACAGGCTCTGCGCTGT 617
Db      241  GGGCGAGGTACCTGATGAGAGACCTTTAAACCAATTGACAGGCTCTGCGCTGT 300
QY      618  GATGACGGTGGCTTACCTGCTGCGCTGTGAGTGAAGATGTGCGGCTGCCAGCTGG 677
Db      301  GATGACGGTGGCTTACCTGCTGCGCTGTGAGTGAAGATGTGCGGCTGCCAGCTGG 360
QY      678  GACTGCCCCACGCCCCAAGAGATACAGGTGCCAGGAAGTGTGCCCCGAGTGGTATGT 737
Db      361  GACTGCCCCACGCCCCAAGAGATACAGGTGCCAGGAAGTGTGCCCCGAGTGGTATGT 420
QY      738  GACCAAGGAGTGAACACCGCGATCCAGCGCTCCACGCGCAAGGACACCACTTTCTGCC 797
Db      421  GACCAAGGAGTGAACACCGCGATCCAGCGCTCCACGCGCAAGGACACCACTTTCTGCC 480
QY      798  CTTGTCACTCCTGCTCTGTGATGCTCTTGTCCAAATTGAGACACAGCCTGGGCCCC 857
Db      481  CTTGTCACTCCTGCTCTGTGATGCTCTTGTCCAAATTGAGACACAGCCTGGGCCCC 540
QY      858  TGGTCAACCACTGTGGGCTGGCAT 883
Db      541  TGGTCAACCACTGTGGGCTGGCAT 566
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RESULT 6

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US-09-915-582-30
; Sequence 30, Application US/09915582
; Patent No. US20020120103A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 17 Human Secreted Proteins
; FILE REFERENCE: PS723P1
; CURRENT APPLICATION NUMBER: US/09/915,582
; CURRENT FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: PCT/US01/01431
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/231,968
; PRIOR FILING DATE: 2000-09-12
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 30
; LENGTH: 1337
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (1337)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-915-582-30
```

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Query Match      49.8%; Score 440; DB 9; Length 1337;
Best Local Similarity 78.3%; Pred. No. 5,1e-124;
Matches 539; Conservative 3; Mismatches 138; Indels 8; Gaps 1;
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QY      196  CTCCAGGCTTCACTTCAAGTTGAAGCTGGCTCCACAGGAGACACGGTGACATGAGG 255
Db      2    CTTCACAGTTTCACTTCAAGCTCAAAACTGAGTCTGCA-----GGGACATGAGAG 53
QY      256  GCAGCCCACTGATCCATCTTCTGGCCACTTCTCTCTCTCTCTCTCTCTCTCTCTCT 315
Db      54  GCACACCGAAGACCCACCTGCTGCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 113
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QY      316  CCCAGCTGTGCGGACACCCCTGTATCCTGTCTTGGACACACCCAGTGGCCACAGGGG 375
Db      114  CCCAGCTGTGCGGACACCCATGTATCCTGTCTTGGACACCCAGTGGCCACAGGGG 173
QY      376  TACCCCTGTGTGATGAGTGGCTGTGGCTGTCTTAAAGTGTGTGACCGGAGGCTGGGAGT 435
Db      174  TACCCCTGTGTGATGAGTGGCTGTGGCTGTCTTAAAGTGTGTGACCGGAGGCTGGGAGC 233
QY      436  CTTGCAACCACTGATGTCTGCGACCCCAAGCCAGGGCTGTGTTGTACGCTGGGCGAG 495
Db      234  CTTGCAACCACTGATGTCTGCGACCCCAAGCCAGGGCTGTGTTGTACGCTGGGCGAG 293
QY      496  GCCCTGCGGCAATGGGGCTGTGTCTCTTGAATGAGATGACGAGTAGCTGTGAGGTGA 555
Db      294  GACCCGCTGTCGCGGGGCTGTGTCTCTTGAATGAGATGACGAGTAGCTGTGAGGTGA 353
QY      556  ATGGCCGCAAGTACTGATGAGAGACCTTTAAACCAATTGACAGGCTCCTGTGCCCT 615
Db      354  ACGCCGCTGTATCGGGAAGGGAGACCTTCCAGCCCCACTGACGATCCGCTGCCCT 413
QY      616  GTGATGACGGTGTCTTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 675
Db      414  GCGAGACGGCGCTTCACTGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 473
QY      676  GGGACTGCCACGCCCCAAGAGATACAGGTGCCAGGAAGTGTGCCCCGAGTGGTAT 735
Db      474  GGGACTGCCACGCCCCAAGAGATACAGGTGCCAGGAAGTGTGCCCCGAGTGGTAT 533
QY      736  GTGACCAAGGAGTGAACCGCGATCCAGCGCTCCACGCGCAAGGACACCACTTTCTG 795
Db      534  GCGGCCAAGGAGGAGACTGGGAGCCAGCCCTTCCAGCCCAAGGACCCCACTTTCTG 593
QY      796  CCCTGTCACTCCTGCTCTGTGATGCTCTTGTCCAAATTGAGACACAGCCTGGGGCC 855
Db      594  GCCTGTCTCTTCCCTGCCCCCTGTGTCCCTGCCCCAAGATGAGCAGCGCTGGGAGC 653
QY      856  CCTGCTCAACCACTGTGGGCTGGCAT 883
Db      654  CCTGCTCAACCACTGTGGGCTGGCAT 681
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RESULT 7

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US-10-277-802-30
; Sequence 30, Application US/10277802
; Publication No. US20030190707A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 17 Human Secreted Proteins
; FILE REFERENCE: PS723P1
; CURRENT APPLICATION NUMBER: US/10/277,802
; CURRENT FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: 09/915,582
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: PCT/US01/01431
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/231,968
; PRIOR FILING DATE: 2000-09-12
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 30
; LENGTH: 1337
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (1337)
; OTHER INFORMATION: n equals a,t,g, or c
US-10-277-802-30
```


Query Match 49.8%; Score 440; DB 15; Length 1337;
Best Local Similarity 78.3%; Pred. No. 5.1e-124;
Matches 539; Conservative 3; Mismatches 138; Indels 8; Gaps 1;

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QY 196 CTCACGGCTCACCCTTCAAGCTGGCTCCACAGGACACGGTGACATGAGG 255
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 2 CTTACAGTTTCACTTCAAGCTCAAAACTGGSTCTGCA-----GGGACATGAG 53
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 256 GCAGCCCATGATCCATCTTGGCCACTTCTCTCTCTCTCTCTCTCTCTCT 315
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 54 GCACACCGAAGACCACTCTGGCTTCTCTCTCTCTCTCTCTCTCTCTCTCT 113
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 316 CCCAGCTGTGCGGACACCCCTGTACCTGTCTTGACACACCCAGTCCACAGGG 375
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 114 CCCAGCTGTGCGGACACCATGTACCTGTCTTGACACCCAGTCCACAGGG 173
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 376 TACCCCTGTGTGATGGCTGTGTGCTGTAAAGTGTGTGACGGAGGCTGGGGAGT 435
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 174 TACCCCTGTGTGATGGCTGTGTGCTGTAAAGTGTGTGACGGAGGCTGGGGAGT 233
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 436 CTGCGACCACTGCATGTCTGCGACCCAGCCAGGCTGTGTGTCTGAGCTGGGGCAG 495
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 234 CTGCGACCACTGCATGTCTGCGACCCAGCCAGGCTGTGTGTCTGAGCTGGGGCAG 293
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 496 GCCCTGGCGCCATGGGGCTGTGTGTCTGTGTGTGTGTGTGTGTGTGTGTGT 555
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 294 GACCCGGTGTGCGGGGGGGCTGTGTGTCTGTGTGTGTGTGTGTGTGTGTGTGT 353
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 556 ATGGCCGAGGTACTGTGATGAGAGACCTTTAAACCAATTGCAGGCTCTGTCCGCT 615
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 354 ACGGCCGCTGTATCGGGAAGGGAGACCTTCCAGCCCACTGCAGCATCCGCTGCCGCT 413
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 616 GTGATGACGCTGTCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 675
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 414 GCGAGGACGCGGCTTCACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 473
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 676 GGGACTGCCACGCCCCAAGAGAATACAGGTGCGAGGAAAGTGTGCTGCCCGAGTGGGTAT 735
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 474 GGGACTGCCACGCCCCAAGAGGTGAGGTCTGCGGCAAGTGTGCTGCCCGAGTGGGTAT 533
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 736 GTGACCAAGGAGTGACACCGCGATCCAGGCTCCACGCGCAAGACACCACTTTCTG 795
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 534 GCGGCCAAGAGGAGGAGTGGGAGCCAGCCCTTCCAGCCCAAGACCACTTTCTG 593
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 796 CCCTTGTCACTCCTGCTCTGCTGATGCTCTTGTCCAATTGAGACACAGCTGGGGCC 855
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 594 GCCTTGTCTTCTTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 653
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 856 CTTGCTCAACCACTGTGGGCTGGGCAT 883
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 654 CTTGCTCAACCACTGTGGGCTGGGCAT 681
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
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RESULT 8
US-09-915-582-14
; Sequence 14, Application US/09915582
; Patent No. US20020120103A1

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

; TITLE OF INVENTION: 17 Human Secreted Proteins

; FILE REFERENCE: PS723P1

; CURRENT APPLICATION NUMBER: US/09/915,582

; CURRENT FILING DATE: 2001-07-27

; PRIOR APPLICATION NUMBER: PCT/US01/01431

; PRIOR FILING DATE: 2001-01-17

; PRIOR APPLICATION NUMBER: 60/179,065

; PRIOR FILING DATE: 2000-01-31

; PRIOR APPLICATION NUMBER: 60/180,628

; PRIOR FILING DATE: 2000-02-04

; PRIOR APPLICATION NUMBER: 60/231,968

; PRIOR FILING DATE: 2000-09-12

; NUMBER OF SEQ ID NOS: 97

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 1352
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-915-582-14

Query Match 49.8%; Score 439.8; DB 9; Length 1352;
Best Local Similarity 78.4%; Pred. No. 5.9e-124;
Matches 543; Conservative 0; Mismatches 142; Indels 8; Gaps 1;

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QY 191 GTGGCTCCACGCTCACTTCAAGTTTGAAGCTGGCTCCAAAGGACACGGTGACAT 250
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3 GTCCGCTTCAAGTTTCACTTCAAGCTCAAAAGCTGGCTCTGCA-----GGGACAT 54
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 251 GAGGGACGCCACTGATCCATCTTGTGACCACTTCTCTCTCTCTCTCTCTCTCT 310
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 55 GAGAGGACACCGAAGACCACTCTGACCTTCTCTCTCTCTCTCTCTCTCTCTCTCT 114
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 311 GTGTGCCAGCTGTGCGGACACCTGTACCTGTCTCTGTGACACCAACCCAGTCCACA 370
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 115 GCGTACCCAGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 174
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 371 GGGGTAACCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 430
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 175 GGAAGTACCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 234
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 431 GGAATCTGCGACCACTGCATGTCTGCGACCCAGCCAGGCTGTGTGTGTGTGTGTGT 490
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 235 GGAACCTGCGACCACTGCATGTCTGCGACCCAGCCAGGCTGTGTGTGTGTGTGTGT 294
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 491 GGCAGCCCTGCGGCGCCATGGGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 550
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 295 GGCAGGACCCGCTGTGACGCGGGGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 354
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 551 GGTGAATGGCCGCGACGTAAGTGAAGAGACCTTTAAACCAATTGACAGGCTCTGTG 610
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 355 GGTGAAGCCGCGCTGTATCGGGAAGGAGACCTTCCAGCCCACTGCAGCATCCGCTG 414
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 611 CCGCTGTATGACGCTGTGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 670
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 415 CCGCTGTATGACGCTGTGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 474
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 671 CAGCTGGGACTGCCACGCCCCAAGAGAATACAGGTGCGAGGAAAGTGTGCTGCCGAGTG 730
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 475 CAGCTGGGACTGCCACGCCCCAAGAGGTGAGGTCTGTGGCAAGTGTGCTGCCGAGTG 534
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 731 GGTATGTACAGGAGTGAACCGCGATCCAGGCTCCAGCGCGCAAGACACCAACT 790
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 535 GGTGTGCGGCAAGAGGAGGAGTGGGAGCCAGCCCTTCCAGCCCAAGAGACCCAGTT 594
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 791 TTCTGCCCTTGTCACTCTGCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 850
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 595 TTCTGCCCTTGTCTTCTTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 654
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
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RESULT 9
US-10-277-802-14
; Sequence 14, Application US/10277802
; Publication No. US20030190707A1

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

; TITLE OF INVENTION: 17 Human Secreted Proteins

; FILE REFERENCE: PS723P1

; CURRENT APPLICATION NUMBER: US/10/277,802

; CURRENT FILING DATE: 2002-10-23

; PRIOR APPLICATION NUMBER: 09/915,582

; PRIOR FILING DATE: 2001-07-27

; PRIOR APPLICATION NUMBER: PCT/US01/01431


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; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/231,968
; PRIOR FILING DATE: 2000-09-12
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 1352
; TYPE: DNA
; ORGANISM: Homo sapiens

```

Query Match	49.8%;	Score 439.8;	DB 15;	Length 1352;
Best Local Similarity	78.4%;	Pred. No. 5.9e-124;		
Matches 543; Conservative	0;	Mismatches 142;	Indels 8;	Gaps 1;

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QY      191 GTGGCTCCACGCGCTCACCTTCAGTTGAAGCTGTGCTCCACAAGGACACGGTGACAT   250
        || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db       3 GTCGCTTCAcAGTTTCACCTTCAGGCTCAAAGCTGGCTCTGCA-----GGGACAT   54
```

QY 251 GAGGGGACGCCCACTGATCCATCTTGTGGCACTTCCTCCTGCCTTCTCAATGGT 310
||| ||| | | | | | | | | | | | | | | | | | | | | |
Db 55 GAGAGGCACCGAAGACCACCTCTTGCTTTCTCCCTCCTGCGCTCCTCAAAGGT 114

DQ

311 GTGTGCCAGCTGTGCGGCACACCCTGTACTTGTCCTTGGACACCACCCCCAGTAGCCACA 370
| | | | | | | | | | | | | | | | | | | | | |
Db

115 GCGTAACCCAGCTGTGCCGCACCATGTACTTGCCCCTGGCCAACCTCCCCGATGCCGCT 174

QY 371 GGGGTAACCCCTGTGCTGGATGGCTGTGGCTCTGTAAAGTGTGTGCACGGAGCGCTGGG 430

Dh 175 GGGAGTACCCCTGTGCTGGATGGCTGTGGCTGTGCCGGGATGTGCACGGCGGCTGGG 234

QY 431 GGAGTCTTGCACCACTGCATGTCTGCGACCCAGCCAGGGCTGTGTTGTACGCTGG 490

Db 235 GGAGCCTTGCACCACTCCACGCTGCGAGCCAGGCGCTGTCTGCGAGCCCGG 294

QY 491 GGCAGGCCCTGGCGCCCATGGGGCTGTGTCTCTTGATGAGGATGACGATAGCTGTGA 550
 |||||
 DB 295 GGCAGGATCCCGGTGGACGGGGGCCCTGTGCTCTTGGCAGAGGACGACAGCAGCTGTGA 354
 |||||

OY
551 GGTGATGGCCGCAGGTACTCGATGAGAGACCTTAAACCATTGCAAGTCCTGTG 610

DH
355 GGTTAATCAGCTTGCTTAATCGGAAGGGAGACCTTCCAGCCCCTGCAGCATCCGCTG 414

611 CCGCTGATGACGGTGGCTTCAACCTGCTGCCCGCTGTGCAGTGAGGATGTGCGGCTCC 6700
 615 CCGCTGACAGGACCGAGGCTTCACTGCGTGCCTGCTGCAGGAGATGTGCGGCTCC 474

671 CAGCTGGGACTGCCCA CGCCCCAAGAGATACAGTTCACAGAAAGTGTGCCCCGAGTG 730

731 GGTATGTGACCAAGGAGTGACACCGGCGATCCAGCGCTTCCAAGGCGCAAGACACCAACT 790
QY
535 CATTCTGCGGCGCAAGGAGCGGGGAGCTGGGGAACCCAGCGCCCTTCCAGCCCAAGGAGCCCCCAATT 594

791 TTCTGCCCTTGTCATCCTGCGCTGTGCTGATGCTTCCCTTTGTCCAATTGGAGCACAGCCTG 856
QY ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
EAE TTTCTCCCTTTTCT 654

QY 851 GGGCCCTGCTCAACCACTGTGGCTGGCAT 883
|||||
CCCCCCTTCCCCTTCCTCGGCAT 687

RESULT 10
US-10-147-493-319
; Sequence 319, Application US/10147493
; Publication No. US20040029217A1
; GENERAL INFORMATION:

```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C345
; CURRENT APPLICATION NUMBER: US/10/147,493
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-147-493-319

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Query Match	49.2%;	Score 434.6;	DB 13;	Length 1266;
Best Local Similarity	79.9%;	Pred. No. 2.3e-122;		
Matches 512;	Conservative 0;	Mismatches 129;	Indels 0;	Gaps 0;

QY 243 GGTGACATGAGGGGCAGCCACTGATCCATTCTTGCGCATTCTTCTGCCTTC 302
 |||||
Db 4 GGGACATGAGAGGCAACCGAAGACCCACTCTTGCCCTTTCCCTCCTTGCCCTTC 63

QY 303 TCATGTGTGTCGCCAGCTGTGCCGACACCCTGTACTGTCTTGACACCACCCCAG 362
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 64 TCAAAGTGCCTACCCAGCTGTGCCGACACCATGTACTGTCCCCCTGGCCACCTCCCCGA 123

QY 363 TCCCACAGGGGATACCCTGTGCTGGATGCGTGTGCCTAAGTGTTGCACGG 422
DB 124 TGCCCGCTGGAGTACCCCTGTGCTGGATGCGTGTGCCTGCCGGGTATGTGCACGG 183

QY 423 AGGCTGGGGAGTCTTGGCAACCACTGCATGTCGCAACCCAGCGGGCTGTTTGT 482
|||||
184 CGACTGGGGGAGCCCTGCGCAACCACTTCACGTCGTCGACGCGCAGGGCTGTCGTCGC 243

483 CAGCCTGGGGCAGGCCCTGGCGGCATGGGGCTGTGTCTCTTGATGAGGATGACGGT 542
 244 CAGCCTGGGGCAGGACCCGGTGGCCGGGGGCCCTGTGCTCTTTGGCAGAGGACGACAGC 303

543 AGCTGTGAGGTGAATGCGCCGACGTACCTGGATGAGAGACCTTAAACCAATTGCAGG 602
 603
 304 AGCTGTGAGGTGAACGCGCGCTGTATCGGGAGGGGAGACCTTCCAGCCCCACTGCAGC 363

Dy 603 GTCCTGTGCCGCTGTATGACCGTGCTTCACTGCCTGCCGCTGTGAGTAGGATGTG 662

Nb 364 ATCCGCTGCCGCTGCGAGGACGGCGGCTTCACTGCCTGCCGCTGTGACGCGAGGATGTG 423

663 CGGCTGCCCAAGCTGGGACTGCCCGCCCAAGAGATACAGGTGCCAGAAAGTGTGC 722
 723 |||||
 424 CGGCTGTTCAAGTGGAGCTGCCCGCCCAAGAGAGGTTCAGGTTCTGGGCAAGTGTGC 483

Oy 723 CCCGAGTGGGTATGTGACCCAGGAGTGACACCGGCATCCAGCGCTCCACGGCGCAAGGA 782
 |||||
 Db 484 CCTGAGTGGGTGTGCGGCCAAGGAGGGGACTGGGGACCCAGCCCTTCCAGCCCAAGGA 543

Dy 783 CACCAATTCTGCCCCGTGCACTCCTGCTCTGCGATGCTCCTTGTCCAATTGGAGC 842
|||||
|||

Dh 544 CCCAGTTTCTGCCCTGTCTCTCCCTGCCCCCTGTGTCCCCTTGCCCAATGGAGC 603
|||||
|||


```
Db 244 CAGCCCCGGGAGACCCCGTGGCCGGGGGGCCCTGTGCTCTTGAGAGAGACGACG 303
QY 543 AGCTGTAGGTGAATGGCCGACGTAACCTGGATGAGAGACCTTTAAACCCAAATTGCAGG 602
Db 304 AGCTGTAGGTGAACGGCCGCTGTATCGGGAAGGGAGAACCTTCCAGCCCCACTGCACG 363
QY 603 GTCCGTGTCGGCTGTGATGACGGTGGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTG 662
Db 364 ATCCGCTGCGCTGCGAGAGACGGCGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTG 423
QY 663 CGGCTGCCAGCTGGAGCTGCCACGCCCAAGAAATACAGGTGCCAGAAAGTGTGC 722
Db 424 CGGCTGCCAGCTGGAGCTGCCACGCCCAAGAGGTGAGGTCTGCGCAAGTGTGC 483
QY 723 CCGGAGTGGGTATGTGACCGAGGAGTGAACCGGCGATCCAGCGCTCCAGCGCGCAAGGA 782
Db 484 CTTGAGTGGGTGTGCGCGGCAAGAGAGGGGAGTGGGAGCCAGCCCTCCAGCCCAAGGA 543
QY 783 CACCAACTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 842
Db 544 CCGCAGTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 603
QY 843 ACAGCTGGGGGGCCCTGCTCAACCACTGTGGGCTGGGCAT 883
Db 604 ACGGCTGGGGGACCTGCTGACCACTGTGGGCTGGGCAT 644
```

RESULT 13

```
US-10-143-118-319
; Sequence 319, Application US/10143118
; Publication No. US20040038335A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C228
; CURRENT APPLICATION NUMBER: US/10/143,118
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-143-118-319
```

```
Query Match 49.2%; Score 434.6; DB 13; Length 1266;
Best Local Similarity 79.9%; Pred. No. 2.3e-122;
Matches 512; Conservative 0; Mismatches 129; Indels 0; Gaps 0;
QY 243 GGTGACATGAGGGGAGCCCACTGATCATCTTGTGGCACTTCTTCTGCTGCTTCTC 302
Db 4 GGGGACATGAGAGGCAACCGAAGACCCACTCTGCGCTTCTCTCTCTGCTCTCTC 63
QY 303 TCAATGCTGTGCGGAGCTGTGCGGAGACACCTGTATCCTGTCTTGACACCAACCCAG 362
Db 64 TCAAAGGTGCTACCACTGTGCGGAGACACCAATGTACCTGCGCTGCGCACTCCCGA 123
```

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QY 363 TGCCACAGGGGTAACCCCTGTGTGCTGATGCTGTGGCTGTGTAAGTGTGACGG 422
Db 124 TGCCCGCTGGAGTACCCCTGTGTGCTGATGCTGTGGCTGTGCTGCTGCTGCTGCTGCTG 183
QY 423 AGGCTGGGGAGTCTGCGACCACTGATGCTGCGAACCCAGCGGCGCTGTTGT 482
Db 184 CGGCTGGGGAGCTTGCAGCAACTCAGCTGTGCGACGCCAGCGGCGCTGTTGT 243
QY 483 CAGCCTGGGAGGCGCTTGGCGGCAATGGGCTGTGTCTCTTGATGAGATGACG 542
Db 244 CAGCCGGGAGAGACCCGATGCGGGGCGCTGTGCTCTTGAGAGAGACGACG 303
QY 543 AGCTGTAGGTGAATGGCCGAGTACCTGATGAGAGAGACCTTTAAACCCAAATTGACG 602
Db 304 AGCTGTAGGTGAACGCGCCGCTGTATCGGAGAGGAGACCTTCCAGCCCACTGCAGC 363
QY 603 GTCCGTGCGCTGTGATGACCGTGGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 662
Db 364 ATCCGCTGCGCTGCGAGAGACGGCGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 423
QY 663 CGGCTGCCAGCTGGAGCTGCCACGCCCAAGAAATACAGGTGCCAGAAAGTGTGC 722
Db 424 CGGCTGCCAGCTGGAGCTGCCACGCCCAAGAGGTGAGGTCTGCGCAAGTGTGC 483
QY 723 CCGGAGTGGGTATGTGACCGAGGAGTGAACCGGCGATCCAGCGCGCAAGGA 782
Db 484 CTTGAGTGGGTGTGCGCGGCAAGAGAGGGGAGTGGGAGCCAGCCCTTCCAGCCCAAGGA 543
QY 783 CACCAACTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 842
Db 544 CCGCAGTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 603
QY 843 ACAGCTGGGGGGCCCTGCTCAACCACTGTGGGCTGGGCAT 883
Db 604 ACGGCTGGGGGACCTGCTGACCACTGTGGGCTGGGCAT 644
```

RESULT 14

```
US-10-144-993-319
; Sequence 319, Application US/10144993
; Publication No. US20040038336A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C261
; CURRENT APPLICATION NUMBER: US/10/144,993
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-144-993-319
```


Db	544	CCCCAGTTTCTGGCCTTGTCCTTCCTCCCGCCCCCTGTGTCCCTGCCCCAGATGAGC	603
QY	843	ACAGCCTGGGCCCCCTGCTCAACCACTGTGGCTGGCAT	883
Db	604	ACGGCCTGGGGAACCTGCTCGACCACTGTGGCTGGCAT	644

Search completed: May 9, 2004, 11:05:24
Job time : 394.185 secs

APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/09/182,145B
CURRENT FILING DATE: 1998-10-29
EARLIER APPLICATION NUMBER: US 60/063,704
EARLIER FILING DATE: 1997-10-29
EARLIER APPLICATION NUMBER: US 60/073,612
EARLIER FILING DATE: 1998-02-04
EARLIER APPLICATION NUMBER: US 60/081,695
EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 18
LENGTH: 1734
TYPE: DNA
ORGANISM: Mus musculus
US-09-182-145-18

Query Match 10.2%; Score 90; DB 4; Length 1734;
Best Local Similarity 100.0%; Pred. No. 7.9e-35;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 410 AGTGTGACGAGAGCTGGGAGTCTCGACCACTGATGTCGAGACCCAGCCCA 469
DB 1317 AGTGTGACGAGAGCTGGGAGTCTCGACCACTGATGTCGAGACCCAGCCCA 1258
OY 470 GGGCCTGTTGTTCAGCCTGGGAGAGCC 499
DB 1257 GGGCCTGTTGTTCAGCCTGGGAGAGCC 1228

RESULT 3

US-09-023-655-790
Sequence 790, Application US/09023655
Patent No. 6607879
GENERAL INFORMATION:
APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HERewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 790:
SEQUENCE CHARACTERISTICS:
LENGTH: 647 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: LUNGTUT02
CLONE: 692911
US-09-023-655-790

Query Match 3.6%; Score 32; DB 4; Length 647;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 654 GAGATGTGCGGCTGCCAGCTGGAGTGGCC 685
DB 138 GAGATGTGCGGCTGCCAGCTGGAGTGGCC 169

RESULT 4

US-09-182-145-38
Sequence 38, Application US/09182145B
Patent No. 6387657
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/09/182,145B
CURRENT FILING DATE: 1998-10-29
EARLIER APPLICATION NUMBER: US 60/063,704
EARLIER FILING DATE: 1997-10-29
EARLIER APPLICATION NUMBER: US 60/073,612
EARLIER FILING DATE: 1998-02-04
EARLIER APPLICATION NUMBER: US 60/081,695
EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 38
LENGTH: 738
TYPE: DNA
ORGANISM: Homo sapiens
US-09-182-145-38

Query Match 3.6%; Score 32; DB 4; Length 738;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 375 GTACCCCTGCTGCTGATGGCTGTGCTGCTG 406
DB 115 GTACCCCTGCTGCTGATGGCTGTGCTGCTG 146

RESULT 5

US-09-182-145-39
Sequence 39, Application US/09182145B
Patent No. 6387657
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert

```
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 39
; LENGTH: 841
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1-841
; OTHER INFORMATION: Sequence is synthesized.
; Patent No. 6387657
; US-09-182-145-39
```

```
Query Match          3.6%; Score 32; DB 4; Length 841;
Best Local Similarity 100.0%; Pred. No. 3.4e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      654 GAGGATGTGCGGCTGCCAGCTGGGACTGCC 685
          |||||
Db       417 GAGGATGTGCGGCTGCCAGCTGGGACTGCC 448
```

```
RESULT 6
US-09-182-145-13
; Sequence 13, Application US/09182145B
```

```
; Patent No. 6387657
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Botstein, David A.
```

```
; APPLICANT: Cohen, Robert
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; APPLICANT: Goddard, Audrey
```

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; APPLICANT: Gurney, Austin L.
```

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; APPLICANT: Hillan, Kenneth J.
```

```
; APPLICANT: Lawrence, David A.
```

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; APPLICANT: Levine, Arnold J.
```

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; APPLICANT: Pennica, Diane
```

```
; APPLICANT: Roy, Margaret Ann
```

```
; APPLICANT: Wood, William I.
```

```
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
```

```
; FILE REFERENCE: P1176R2
```

```
; CURRENT APPLICATION NUMBER: US/09/182,145B
```

```
; CURRENT FILING DATE: 1998-10-29
```

```
; EARLIER APPLICATION NUMBER: US 60/063,704
```

```
; EARLIER FILING DATE: 1997-10-29
```

```
; EARLIER APPLICATION NUMBER: US 60/073,612
```

```
; EARLIER FILING DATE: 1998-02-04
```

```
; EARLIER APPLICATION NUMBER: US 60/081,695
```

```
; EARLIER FILING DATE: 1998-04-14
```

```
; NUMBER OF SEQ ID NOS: 156
```

```
; SEQ ID NO 13
```

```
; LENGTH: 1293
```

```
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
```

```
; US-09-182-145-13
```

```
Query Match          3.6%; Score 32; DB 4; Length 1293;
Best Local Similarity 100.0%; Pred. No. 3.5e-06;
```

```
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      375 GTACCCCTGGTGTGATGGCTGTGGCTGTG 406
          |||||
Db       148 GTACCCCTGGTGTGATGGCTGTGGCTGTG 179
```

```
RESULT 7
```

```
US-09-182-145-14/c
```

```
; Sequence 14, Application US/09182145B
```

```
; Patent No. 6387657
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Botstein, David A.
```

```
; APPLICANT: Cohen, Robert
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```
; APPLICANT: Goddard, Audrey
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; APPLICANT: Gurney, Austin L.
```

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; APPLICANT: Hillan, Kenneth J.
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; APPLICANT: Lawrence, David A.
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; APPLICANT: Levine, Arnold J.
```

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; APPLICANT: Pennica, Diane
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```
; APPLICANT: Roy, Margaret Ann
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```
; APPLICANT: Wood, William I.
```

```
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
```

```
; FILE REFERENCE: P1176R2
```

```
; CURRENT APPLICATION NUMBER: US/09/182,145B
```

```
; CURRENT FILING DATE: 1998-10-29
```

```
; EARLIER APPLICATION NUMBER: US 60/063,704
```

```
; EARLIER FILING DATE: 1997-10-29
```

```
; EARLIER APPLICATION NUMBER: US 60/073,612
```

```
; EARLIER FILING DATE: 1998-02-04
```

```
; EARLIER APPLICATION NUMBER: US 60/081,695
```

```
; EARLIER FILING DATE: 1998-04-14
```

```
; NUMBER OF SEQ ID NOS: 156
```

```
; SEQ ID NO 14
```

```
; LENGTH: 1293
```

```
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
```

```
; US-09-182-145-14
```

```
Query Match          3.6%; Score 32; DB 4; Length 1293;
Best Local Similarity 100.0%; Pred. No. 3.5e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      375 GTACCCCTGGTGTGATGGCTGTGGCTGTG 406
          |||||
Db       148 GTACCCCTGGTGTGATGGCTGTGGCTGTG 115
```

```
RESULT 8
US-09-182-145-117
; Sequence 117, Application US/09182145B
```

```
; Patent No. 6387657
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Botstein, David A.
```

```
; APPLICANT: Cohen, Robert
```

```
; APPLICANT: Goddard, Audrey
```

```
; APPLICANT: Gurney, Austin L.
```

```
; APPLICANT: Hillan, Kenneth J.
```

```
; APPLICANT: Lawrence, David A.
```

```
; APPLICANT: Levine, Arnold J.
```

```
; APPLICANT: Pennica, Diane
```

```
; APPLICANT: Roy, Margaret Ann
```

```
; APPLICANT: Wood, William I.
```

```
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
```

```
; FILE REFERENCE: P1176R2
```

```
; CURRENT APPLICATION NUMBER: US/09/182,145B
```

```
; CURRENT FILING DATE: 1998-10-29
```

```
; EARLIER APPLICATION NUMBER: US 60/063,704
```

```
; EARLIER FILING DATE: 1997-10-29
```

```
; EARLIER APPLICATION NUMBER: US 60/073,612
```

```
; EARLIER FILING DATE: 1998-02-04
```

```
; EARLIER APPLICATION NUMBER: US 60/081,695
```

```
; EARLIER FILING DATE: 1998-04-14
```

; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 117
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1-51
; OTHER INFORMATION: Sequence is synthesized.
; Patent No. 6387657
US-09-182-145-117

Query Match 3.1%; Score 27; DB 4; Length 51;
Best Local Similarity 100.0%; Pred. No. 0.00093;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 380 CCTGGTCTGGATGGCTGTGGCTGCTG 406
Db 1 CCTGTGCTGGATGGCTGTGGCTGCTG 27

RESULT 9

US-09-636-791A-11/c
; Sequence 11, Application US/09636791A
; Patent No. 6503703
; GENERAL INFORMATION:
; APPLICANT: Palese et al
; TITLE OF INVENTION: IDENTIFICATION AND USE OF ANTIVIRAL COMPOUNDS THAT
; TITLE OF INVENTION: INHIBIT INTERACTION OF HOST CELL PROTEINS AND VIRAL
; TITLE OF INVENTION: PROTEINS REQUIRED FOR VIRAL REPLICATION
; FILE REFERENCE: 6923-077-999
; CURRENT APPLICATION NUMBER: US/09/636,791A
; CURRENT FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/148,263
; PRIOR FILING DATE: 1999-08-11
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 372
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-636-791A-11

Query Match 2.2%; Score 19; DB 4; Length 372;
Best Local Similarity 100.0%; Pred. No. 8.8;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 TGATGACGGTGGCTTCACC 635
Db 80 TGATGACGGTGGCTTCACC 62

RESULT 10

US-08-747-562-24/c
; Sequence 24, Application US/08747562
; Patent No. 6579697
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BOLDIN, Mark
; APPLICANT: METT, Igor
; APPLICANT: VARFOLOMEEV, Eugene
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
; TITLE OF INVENTION: AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,562
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05854
; FILING DATE: 11-MAY-1995
; APPLICATION DATA:
; APPLICATION NUMBER: IL 109,632
; FILING DATE: 11-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 111,125
; FILING DATE: 02-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=15A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 425 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-747-562-24

Query Match 2.2%; Score 19; DB 4; Length 425;
Best Local Similarity 100.0%; Pred. No. 8.8;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 TGATGACGGTGGCTTCACC 635
Db 118 TGATGACGGTGGCTTCACC 100

RESULT 11

US-09-385-982-220/c
; Sequence 220, Application US/09385982
; Patent No. 6262334
; GENERAL INFORMATION:
; APPLICANT: ENDEGE, WILSON O., ET AL.
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS: II
; FILE REFERENCE: CCDNA-260XX
; CURRENT APPLICATION NUMBER: US/09/385,982
; CURRENT FILING DATE: 1999-08-30
; EARLIER APPLICATION NUMBER: 09/328,111
; EARLIER FILING DATE: 1999-06-08
; EARLIER APPLICATION NUMBER: 60/117,393
; EARLIER FILING DATE: 1999-01-27
; EARLIER APPLICATION NUMBER: 60/098,639
; EARLIER FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 544
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 220
; LENGTH: 616
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(616)
; OTHER INFORMATION: n = A,T,C or G
US-09-385-982-220

Query Match 2.2%; Score 19; DB 3; Length 616;
Best Local Similarity 100.0%; Pred. No. 8.9;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 TGATGACGGTGGCTTCACC 635

Db 127 TGATGACGCTGCTTACC 109

RESULT 12
US-09-149-476-225/C
; Sequence 225, Application US/09149476
; Patent No. 6420526
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: P2002P1
; CURRENT APPLICATION NUMBER: US/09/149,476
; EARLIER APPLICATION NUMBER: PCT/US98/04493
; EARLIER FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,626
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,334
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,336
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,163
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/047,600
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,615
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,597
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,502
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,633
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Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 134 TGATGACGGTGGCTCACC 116

RESULT 13
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; Sequence 57, Application US/09149476

Patent No. 6420526
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 186 Human Secreted proteins
FILE REFERENCE: P2002P1
CURRENT APPLICATION NUMBER: US/09/149,476
CURRENT FILING DATE: 1998-09-08
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EARLIER FILING DATE: 1997-10-02

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Db 128 TGATGACGGTGGCTTACC 110

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Sequence 1, Application US/09213768
Patent No. 5985664
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION
FILE REFERENCE: RTS-0026
CURRENT APPLICATION NUMBER: US/09/213,768

; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (136)..(441)
US-09-213-768-1

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RESULT 15

US-09-668-680-13
; Sequence 13, Application US/09668680
; Patent No. 6436703
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Zhou, Ping
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Xue, Aidong J.
; APPLICANT: Xu, Chongjun
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. 6436703el Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 790CIP2A
; CURRENT APPLICATION NUMBER: US/09/668,680
; CURRENT FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
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GenCore version 5.1.6
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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2	635	71.9	753	14	US-10-010-408-3 Sequence 3, Appli
3	566	64.1	681	14	US-10-010-408-12 Sequence 12, Appl
4	210	23.8	210	14	US-10-010-408-8 Sequence 8, Appli
5	177	20.0	177	14	US-10-010-408-5 Sequence 5, Appli
6	90	10.2	1734	15	US-10-112-267-17 Sequence 17, Appl
7	90	10.2	1734	15	US-10-112-267-18 Sequence 18, Appl
8	59	6.7	174	14	US-10-010-408-10 Sequence 10, Appl
9	32	3.6	199	9	US-09-864-761-23432 Sequence 23432, A
10	32	3.6	586	9	US-09-864-761-6698 Sequence 6698, Ap
11	32	3.6	647	17	US-10-641-643-790 Sequence 790, App
12	32	3.6	738	15	US-10-112-267-38 Sequence 38, Appl
13	32	3.6	841	15	US-10-112-267-39 Sequence 39, Appl
14	32	3.6	1266	13	US-10-147-493-319 Sequence 319, App

15	32	3.6	1266	13	US-10-145-127-319	Sequence 319, App
16	32	3.6	1266	13	US-10-160-503-319	Sequence 319, App
17	32	3.6	1266	13	US-10-143-118-319	Sequence 319, App
18	32	3.6	1266	13	US-10-144-993-319	Sequence 319, App
19	32	3.6	1266	13	US-10-158-787-319	Sequence 319, App
20	32	3.6	1266	13	US-10-140-024-319	Sequence 319, App
21	32	3.6	1266	13	US-10-140-808-319	Sequence 319, App
22	32	3.6	1266	13	US-10-152-405-319	Sequence 319, App
23	32	3.6	1266	13	US-10-127-852A-319	Sequence 319, App
24	32	3.6	1266	13	US-10-127-900A-319	Sequence 319, App
25	32	3.6	1266	13	US-10-128-685A-319	Sequence 319, App
26	32	3.6	1266	13	US-10-142-886-319	Sequence 319, App
27	32	3.6	1266	13	US-10-146-728-319	Sequence 319, App
28	32	3.6	1266	13	US-10-146-786-319	Sequence 319, App
29	32	3.6	1266	13	US-10-147-499-319	Sequence 319, App
30	32	3.6	1266	13	US-10-157-798-319	Sequence 319, App
31	32	3.6	1266	15	US-10-028-072-319	Sequence 319, App
32	32	3.6	1266	15	US-10-121-049-319	Sequence 319, App
33	32	3.6	1266	15	US-10-123-904-319	Sequence 319, App
34	32	3.6	1266	15	US-10-140-470-319	Sequence 319, App
35	32	3.6	1266	15	US-10-175-746-319	Sequence 319, App
36	32	3.6	1266	15	US-10-176-918-319	Sequence 319, App
37	32	3.6	1266	15	US-10-176-921-319	Sequence 319, App
38	32	3.6	1266	15	US-10-137-865-319	Sequence 319, App
39	32	3.6	1266	15	US-10-140-474-319	Sequence 319, App
40	32	3.6	1266	15	US-10-142-431-319	Sequence 319, App
41	32	3.6	1266	15	US-10-143-114-319	Sequence 319, App
42	32	3.6	1266	15	US-10-140-002-319	Sequence 319, App
43	32	3.6	1266	15	US-10-142-419-319	Sequence 319, App
44	32	3.6	1266	15	US-10-123-262-319	Sequence 319, App
45	32	3.6	1266	15	US-10-123-262-319	Sequence 319, App

ALIGNMENTS

RESULT 1
US-10-010-408-1
Sequence 1, Application US/10010408
Publication No. US20020165185A1
GENERAL INFORMATION:
APPLICANT: John J. Castelliott, Jr.
TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules
and Uses Therefor
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214


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Db      181 GGGAGTCTGCGACCACTGCATGTCTGCGACCCAGCCAGGCGCTTTGTACGCT 240
QY      489 GGGCAGGCGCTGGCGCCCATGSGGCTGTGTCTCTTGTGATGAGATGACGGTAGCTGT 548
Db      241 GGGCAGGCGCTGGCGCCCATGSGGCTGTGTCTCTTGTGATGAGATGACGGTAGCTGT 300
QY      549 GAGTGAATGCGCGCAGGTACCTGATGAGAGACCTTTAAACCAATTGCAAGGTCCTG 608
Db      301 GAGTGAATGCGCGCAGGTACCTGATGAGAGACCTTTAAACCAATTGCAAGGTCCTG 360
QY      609 TGCCGCTGTGATGACGGTGGCTTACCTGCTGCCGTGTGAGATGAGATGTGCGGCTG 668
Db      361 TGCCGCTGTGATGACGGTGGCTTACCTGCTGCCGTGTGAGATGAGATGTGCGGCTG 420
QY      669 CCCAGCTGGACTGCCCCACGCCCCAAGAAATACAGGTGCCAGAAAGTGTGCCCGGAG 728
Db      421 CCCAGCTGGACTGCCCCACGCCCCAAGAAATACAGGTGCCAGAAAGTGTGCCCGGAG 480
QY      729 TGGGTATGTGACCGAGGAGTGAACACCGCGCATCCAGCGCTCCACGCGCAAGACACCAA 788
Db      481 TGGGTATGTGACCGAGGAGTGAACACCGCGCATCCAGCGCTCCACGCGCAAGACACCAA 540
QY      789 CTCTGCGCTGTGCTACTCTGCTGCTGTGATGATCTCTTGTCCAAATTGAGACACAGCC 848
Db      541 CTCTGCGCTGTGCTACTCTGCTGCTGTGATGATCTCTTGTCCAAATTGAGACACAGCC 600
QY      849 TGGGCGCGCTGCTCAACCACTGTGGGCTGGGCAT 883
Db      601 TGGGCGCGCTGCTCAACCACTGTGGGCTGGGCAT 635
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RESULT 3
US-10-010-408-12
; Sequence 12, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1el Heparin-Induced CCN-Like Molecules
; and Uses Therefor
;
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
;
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 681 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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;
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
;
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..681
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-010-408-12
;
; Query Match 64.1%; Score 566; DB 14; Length 681;
; Best Local Similarity 100.0%; Pred. No. 8.6e-284;
; Matches 566; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY      318 CAGCTGTGCGGACACACCTGTACTCTGTCTTGACACACCCCAAGTGGCCACAGGGGTA 377
; Db      1 CAGCTGTGCGGACACACCTGTACTCTGTCTTGACACACCCCAAGTGGCCACAGGGGTA 60
;
; QY      378 CCCGTGCTGTGATGTGCTGTGCTGTAAAGTGTGTGCACGGAGCTGGGGAGTCC 437
; Db      61 CCCGTGCTGTGATGTGCTGTGCTGTAAAGTGTGTGCACGGAGCTGGGGAGTCC 120
;
; QY      438 TGCGACCACTGCATGTCTGCGACCCCAAGGCGCTGTTGTACGCTGGGCGAGGC 497
; Db      121 TGCGACCACTGCATGTCTGCGACCCCAAGGCGCTGTTGTACGCTGGGCGAGGC 180
;
; QY      498 CTTGGCGCATGGGGCTGTGTGTCTTGTGATGAGATGACCGTAGCTGTGAGGTAAAT 557
; Db      181 CTTGGCGCATGGGGCTGTGTGTCTTGTGATGAGATGACCGTAGCTGTGAGGTAAAT 240
;
; QY      558 GGGCCGAGTACTGTGATGAGAGACCTTTAAACCAATTGCAGGGTCTGTGCCGCTGT 617
; Db      241 GGGCCGAGTACTGTGATGAGAGACCTTTAAACCAATTGCAGGGTCTGTGCCGCTGT 300
;
; QY      618 GATGACGCTGCTTACCTGCTGCCGCTGTGCAAGTGAAGATGTGGGCTGCCAGCTGG 677
; Db      301 GATGACGCTGCTTACCTGCTGCCGCTGTGCAAGTGAAGATGTGGGCTGCCAGCTGG 360
;
; QY      678 GACTGCCACGCCCCAAGAAATACAGGTGCCAGGAAAGTGTGCTGCCGAGTGGTATGT 737
; Db      361 GACTGCCACGCCCCAAGAAATACAGGTGCCAGGAAAGTGTGCTGCCGAGTGGTATGT 420
;
; QY      738 GACCAGGAGTGACACCGCGCATCCAGCGCTCCACGCGCAAGGACACCAACTTTCTGCC 797
; Db      421 GACCAGGAGTGACACCGCGCATCCAGCGCTCCACGCGCAAGGACACCAACTTTCTGCC 480
;
; QY      798 CTGTCACTCTGCTCTGTGATGATCTCTTGTCCAAATTGAGACACAGCTGGGGGCCCC 857
; Db      481 CTGTCACTCTGCTCTGTGATGATCTCTTGTCCAAATTGAGACACAGCTGGGGGCCCC 540
;
; QY      858 TGCTCAACCACTGTGGGCTGGGCAT 883
; Db      541 TGCTCAACCACTGTGGGCTGGGCAT 566
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RESULT 4
US-10-010-408-8
; Sequence 8, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1el Heparin-Induced CCN-Like Molecules
; and Uses Therefor
;
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 210 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..210
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-010-408-8

Query Match 23.8%; Score 210; DB 14; Length 210;
Best Local Similarity 100.0%; Pred. No. 1.3e-98;
Matches 210; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 CAGCTGTGCGGACACCCCTGTACCTGTCTTGGACACACCCCAAGTCCACAGGGGTA 377
DB 1 CAGCTGTGCGGACACCCCTGTACCTGTCTTGGACACACCCCAAGTCCACAGGGGTA 60
QY 378 CCCCTGTGTGATGAGCTGTGCTGTGCTGTAAAGTGTGTGACACCGAGGCTGGGGAGTCC 437
DB 61 CCCCTGTGTGATGAGCTGTGCTGTGCTGTAAAGTGTGTGACACCGAGGCTGGGGAGTCC 120
QY 438 TGGACACACCTGCATGCTGCGACCCCAAGCCAGGCGCTGTTGTCAAGCTGGGGCAGGC 497
DB 121 TGGACACACCTGCATGCTGCGACCCCAAGCCAGGCGCTGTTGTCAAGCTGGGGCAGGC 180
QY 498 CCTGGCGGCCATGGGGCTGTGTCTTGG 527
DB 181 CCTGGCGGCCATGGGGCTGTGTCTTGG 210

RESULT 5
US-10-010-408-5
Sequence 5, Application US/10010408
Publication No. US20020165185A1
GENERAL INFORMATION:
APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CCN-Like Molecules
and Uses Therefor
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..177
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-010-408-5

Query Match 20.0%; Score 177; DB 14; Length 177;
Best Local Similarity 100.0%; Pred. No. 1.9e-81;
Matches 177; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 546 TGTGAGTGAATGGCCGACGATACCTGATGAGAGACCTTAAACCAATTGCAGGTC 605
DB 1 TGTGAGTGAATGGCCGACGATACCTGATGAGAGACCTTAAACCAATTGCAGGTC 60
QY 606 CTGTGCGGCTGTGATGACGCTGCTTACCTGCTGCGCTGTGACAGTGAAGTGGCG 665
DB 61 CTGTGCGGCTGTGATGACGCTGCTTACCTGCTGCGCTGTGACAGTGAAGTGGCG 120
QY 666 CTGCCCCAGCTGGAGCTGCCACGCCCAAGAGAATACAGGTGCCAGAAAGTGTGC 722
DB 121 CTGCCCCAGCTGGAGCTGCCACGCCCAAGAGAATACAGGTGCCAGAAAGTGTGC 177

RESULT 6
US-10-112-267-17
Sequence 17, Application US/10112267
Publication No. US20030068678A1
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156

; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-17

Query Match 10.2%; Score 90; DB 15; Length 1734;
Best Local Similarity 100.0%; Pred. No. 2.7e-36;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 410 AGTGTGTGACGAGGCTGGGGAGTCTGCGACCACTGCATGTCTGCGACCCAGCCA 469
|||||
Db 418 AGTGTGTGACGAGGCTGGGGAGTCTGCGACCACTGCATGTCTGCGACCCAGCCA 477

QY 470 GGGCCTGTTGTTCAGCCTGGGGCAGGCC 499
|||||
Db 478 GGGCCTGTTGTTCAGCCTGGGGCAGGCC 507

RESULT 7

US-10-112-267-18/c

; Sequence 18, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Guirney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-18

Query Match 10.2%; Score 90; DB 15; Length 1734;
Best Local Similarity 100.0%; Pred. No. 2.7e-36;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 410 AGTGTGTGACGAGGCTGGGGAGTCTGCGACCACTGCATGTCTGCGACCCAGCCA 469
|||||
Db 1317 AGTGTGTGACGAGGCTGGGGAGTCTGCGACCACTGCATGTCTGCGACCCAGCCA 1258

QY 470 GGGCCTGTTGTTCAGCCTGGGGCAGGCC 499
|||||
Db 1257 GGGCCTGTTGTTCAGCCTGGGGCAGGCC 1228

RESULT 8

US-10-010-408-10
; Sequence 10, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: NO. US20020165185A1e1 Heparin-Induced CGN-Like Molecules

and Uses Therefor

NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 174 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

FEATURE:

NAME/KEY: CDS

LOCATION: 1..174

SEQUENCE DESCRIPTION: SEQ ID NO: 10:

Query Match 6.7%; Score 59; DB 14; Length 174;
Best Local Similarity 100.0%; Pred. No. 4.4e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 825 CCTGTCCAATTGAGACACAGCCTGGGGCCCTGCTCAACCACTGTGGCTGGGCAT 883
|||||
Db 1 CCTGTCCAATTGAGACACAGCCTGGGGCCCTGCTCAACCACTGTGGCTGGGCAT 59

RESULT 9

US-09-864-761-23432
; Sequence 23432, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rann, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6

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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 23432
; LENGTH: 199
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL139352.8
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
; OTHER INFORMATION: NT HIT: AF083500.1, EVALUE 1.00e-108
; OTHER INFORMATION: SWISSPROT HIT: O19113, EVALUE 9.00e-19
; US-09-864-761-23432

Query Match          3.6%; Score 32; DB 9; Length 199;
Best Local Similarity 100.0%; Pred. No. 4.8e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      654 GAGGATGTGGCGCTGCCAGCTGGAGTGGCC 685
      |||
Db      129 GAGGATGTGGCGCTGCCAGCTGGAGTGGCC 160

RESULT 10
; US-09-864-761-6698
; Sequence 6698, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecmica-X-1
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
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; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 6698
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL139352.8
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
; US-09-864-761-6698

Query Match          3.6%; Score 32; DB 9; Length 586;
Best Local Similarity 100.0%; Pred. No. 4.3e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      654 GAGGATGTGGCGCTGCCAGCTGGAGTGGCC 685
      |||
Db      342 GAGGATGTGGCGCTGCCAGCTGGAGTGGCC 373

RESULT 11
; US-10-641-643-790
; Sequence 790, Application US/10641643
; Publication No. US20040077003A1
; GENERAL INFORMATION:
; APPLICANT: Cocke, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
; FILE REFERENCE: GENE EXPRESSION
; NUMBER OF SEQUENCES: 1508
```

```

CORRESPONDENCE ADDRESS:
ADDRESS: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/641,643
FILING DATE: 14-Aug-2003
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 790:
SEQUENCE CHARACTERISTICS:
LENGTH: 647 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: LUNGTUT02
CLONE: 692911
SEQUENCE DESCRIPTION: SEQ ID NO: 790 :
US-10-641-643-790

Query Match          3.6%; Score 32; DB 17; Length 647;
Best Local Similarity 100.0%; Pred. No. 4.3e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 654 GAGGATGTGGCGCTGCCAGCTGGGACTGCC 685
DB 138 GAGGATGTGGCGCTGCCAGCTGGGACTGCC 169

RESULT 12
US-10-112-267-38
; Sequence 38, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
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```

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 38
; LENGTH: 738
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-112-267-38

Query Match          3.6%; Score 32; DB 15; Length 738;
Best Local Similarity 100.0%; Pred. No. 4.2e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 375 GTACCCCTGTGCTGATGGCTGCGCTGCTG 406
DB 115 GTACCCCTGTGCTGATGGCTGCTGCTGCTG 146

RESULT 13
US-10-112-267-39
; Sequence 39, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 39
; LENGTH: 841
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-841
; OTHER INFORMATION: Sequence is synthesized.
US-10-112-267-39

Query Match          3.6%; Score 32; DB 15; Length 841;
Best Local Similarity 100.0%; Pred. No. 4.1e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 654 GAGGATGTGGCGCTGCCAGCTGGGACTGCC 685
DB 417 GAGGATGTGGCGCTGCCAGCTGGGACTGCC 448

RESULT 14
US-10-147-493-319
; Sequence 319, Application US/10147493
; Publication No. US20040029217A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
```

APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C345
CURRENT APPLICATION NUMBER: US/10/147,493
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 319
LENGTH: 1266
TYPE: DNA
ORGANISM: Homo Sapien
US-10-147-493-319

Query Match 3.6%; Score 32; DB 13; Length 1266;
Best Local Similarity 100.0%; Pred. No. 4e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 375 GTACCCCTGTGCTGTGATGGCTGTGCTG 406
DB 136 GTACCCCTGTGCTGTGATGGCTGTGCTG 167

RESULT 15

US-10-145-127-319

Sequence 319, Application US/10145127
Publication No. US20040033558A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C252
CURRENT APPLICATION NUMBER: US/10/145,127
CURRENT FILING DATE: 2002-05-13
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 319
LENGTH: 1266
TYPE: DNA
ORGANISM: Homo Sapien
US-10-145-127-319

Query Match 3.6%; Score 32; DB 13; Length 1266;
Best Local Similarity 100.0%; Pred. No. 4e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 375 GTACCCCTGTGCTGTGATGGCTGTGCTG 406
DB 136 GTACCCCTGTGCTGTGATGGCTGTGCTG 167

Search completed: May 9, 2004, 15:43:57
Job time : 393.185 secs

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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 04:40:51 ; Search time 14.6184 Seconds
(without alignments)
6643.418 Million cell updates/sec

Title: US-10-010-408-1_COPY_1534_1708

Perfect score: 175
Sequence: 1 AGTCCAGGAAGCTTGAGCTT.....GCCTAGAAATAACACCCAAA 175

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*

1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
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4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	126.2	72.1	1734	4	US-09-182-145-17 Sequence 17, Appl
2	126.2	72.1	1734	4	US-09-182-145-18 Sequence 18, Appl
3	30.2	17.3	573	4	US-09-107-532A-1389 Sequence 1389, Ap
4	29.8	17.0	1230025	4	US-09-198-452A-1 Sequence 1, Appli
5	27.8	15.9	10825	3	US-08-652-265-1 Sequence 1, Appli
6	27.8	15.9	10825	3	US-08-652-265-3 Sequence 3, Appli
7	27.8	15.9	10825	3	US-08-652-265-5 Sequence 5, Appli
8	27.8	15.9	10825	3	US-08-652-265-7 Sequence 7, Appli
9	27.8	15.9	10825	3	US-08-834-497A-1 Sequence 1, Appli
10	27.8	15.9	10825	3	US-08-834-497A-3 Sequence 3, Appli
11	27.8	15.9	10825	3	US-08-834-497A-5 Sequence 5, Appli
12	27.8	15.9	10825	3	US-08-834-497A-7 Sequence 7, Appli
13	27.8	15.9	10825	3	US-09-503-444A-1 Sequence 1, Appli
14	27.8	15.9	10825	3	US-09-503-444A-3 Sequence 3, Appli
15	27.8	15.9	10825	3	US-09-503-444A-5 Sequence 5, Appli
16	27.8	15.9	10825	3	US-09-503-444A-7 Sequence 7, Appli
17	27.8	15.9	12146	4	US-09-277-457-27 Sequence 27, Appl
18	27.8	15.9	12146	4	US-09-679-729-27 Sequence 27, Appl
19	27.8	15.9	246240	2	US-08-724-394A-20 Sequence 20, Appl
20	27.8	15.9	246240	2	US-08-724-394A-21 Sequence 21, Appl
21	27.8	15.9	246240	2	US-08-724-394A-22 Sequence 22, Appl
22	27.4	15.7	478	4	US-09-621-976-1741 Sequence 1741, Ap
23	27.2	15.5	482	4	US-09-621-976-15665 Sequence 15665, A
24	27	15.4	263	4	US-09-621-976-13735 Sequence 13735, A
25	27	15.4	13011	2	US-08-791-849A-14 Sequence 14, Appl
26	26.8	15.3	1116	4	US-09-252-991A-495 Sequence 495, App
27	26.8	15.3	1401	4	US-09-252-991A-562 Sequence 562, App

C	28	26.8	15.3	1682	4	US-09-220-132-82	Sequence 82, Appl
	29	26.8	15.3	11236	1	US-07-853-913-1	Sequence 1, Appli
	30	26.8	15.3	63000	4	US-09-780-172-18	Sequence 18, Appl
	31	26.6	15.2	519	1	US-08-438-753B-43	Sequence 43, Appl
	32	26.6	15.2	519	1	US-08-443-883A-43	Sequence 43, Appl
	33	26.6	15.2	519	2	US-08-631-328-43	Sequence 43, Appl
	34	26.6	15.2	519	2	US-08-455-524B-43	Sequence 43, Appl
	35	26.6	15.2	519	2	US-08-455-021B-43	Sequence 43, Appl
	36	26.6	15.2	519	3	US-09-045-467-43	Sequence 43, Appl
	37	26.6	15.2	588	1	US-08-438-753B-11	Sequence 11, Appl
	38	26.6	15.2	588	1	US-08-443-883A-11	Sequence 11, Appl
	39	26.6	15.2	588	2	US-08-631-328-11	Sequence 11, Appl
	40	26.6	15.2	588	2	US-08-455-524B-11	Sequence 11, Appl
	41	26.6	15.2	588	2	US-08-455-021B-11	Sequence 11, Appl
	42	26.6	15.2	588	3	US-09-045-467-11	Sequence 11, Appl
C	43	26.6	15.2	1023	3	US-09-188-930-22	Sequence 22, Appl
C	44	26.6	15.2	1023	4	US-09-312-283C-22	Sequence 22, Appl
	45	26.6	15.2	1687	4	US-09-205-258-159	Sequence 159, App

ALIGNMENTS

RESULT 1
US-09-182-145-17
; Sequence 17, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-182-145-17

Query Match 72.1%; Score 126.2; DB 4; Length 1734;
Best Local Similarity 86.3%; Pred. No. 2.1e-33;
Matches 151; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY	1	AGTCCAGGAAGCTTGAGCTTTGTATTTTCAGGAATGCACATCTCTTACGACTCGCAAAAC	60
DB	1536	AGTCCAGGAAGCTTGAGCTTTGTATTTGTAAATAACACATCTCTTAATGCTCACAAAGC	1595
QY	61	AGGAAGCTCCACACCTCTGGCAGGCGCTTCTCTTACGATGAGAAAGCAAGG	120
DB	1596	AAG-AGGCTCCACACTTCTGGCAGGCGCTTCTCTTACGATGAGAGACAAAGG	1654
QY	121	GACAGCAGAGTACTCTCTCTGAGAGACTAGTCTAGCCTAGATAAACACCCAAA	175
DB	1655	AACAGTAGAGTACCTCTCTGAGAGACTGCGCCGCTGTGAATAAACACCCAAA	1709

RESULT 2

US-09-182-145-18/c
; Sequence 18, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-182-145-18

Query Match 72.1%; Score 126.2; DB 4; Length 1734;
Best Local Similarity 86.3%; Pred. No. 2.1e-33;
Matches 151; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY 1 AGTCCAGGAAGTGTGAGTTGTATTTTCAAGATGACATCTCTTAAGCACTCGCAAAAC 60
DB 199 AGTCCAGGAAGTGTGAGTTGTATTTTCAAGATGACATCTCTTAAGCACTCGCAAAAC 140
QY 61 AGGAAGGCTCCACACCTCTGCGAGGCCGCTTCTCTTCAAGCATGAGAAAGACAAG 120
DB 139 AAG-AGGCTCCACACTTCTGCGAGGCCGCTTCTCTTCAAGCATGAGAAAGACAAG 81
QY 121 GACAGCAGAGTACTCTCTCTGAGGACTAGTCTAGCCTAGAAATAACACCCAAA 175
DB 80 AACAGTAGAGTACCCTCTCTGAGGACTGCGCCGCTGTGAATAAACACCCAAA 26

RESULT 3
US-09-107-532A-1389
; Sequence 1389, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: PC
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,532A
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 893-5007
TELEFAX: (781) 893-8277
INFORMATION FOR SEQ ID NO: 1389:
SEQUENCE CHARACTERISTICS:
LENGTH: 573 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
MOLECULE TYPE: DNA (genomic)
TOPOLOGY: circular
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Enterococcus faecium
FEATURE:
NAME/KEY: misc_feature
LOCATION: (B) LOCATION 1...573
SEQUENCE DESCRIPTION: SEQ ID NO: 1389:
US-09-107-532A-1389

Query Match 17.3%; Score 30.2; DB 4; Length 573;
Best Local Similarity 52.8%; Pred. No. 0.77;
Matches 65; Conservative 0; Mismatches 58; Indels 0; Gaps 0;

QY 22 TATTTCAAGAAATGACATCTCTTAAGCACTCGCAAAACAGGAAGGCTCCACACTCTGG 81
DB 418 TATCTTCTGAATACAAAGCTTTTATCAAGTAATATTAAGAGGTTCCAAAGCATCAA 477
QY 82 CAGGCCAGGCGCTTCTCTTCAAGCATGAGAAAGACAAGGACAGACAGTACTCTCT 141
DB 478 CACAACGTGACACTGCTCTTAACCGCAAGAAATTACGCGTGTGATACGCTACTAC 537
QY 142 GGA 144
DB 538 GTA 540

RESULT 4
US-09-198-452A-1
; Sequence 1, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1
; LENGTH: 1230025
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1) (15000)
; OTHER INFORMATION: n=a or c or g or t
; NAME/KEY: misc_feature
; LOCATION: (15001) (30000)
; OTHER INFORMATION: n=a or c or g or t
; NAME/KEY: misc_feature
; LOCATION: (30001) (45000)
; OTHER INFORMATION: n=a or c or g or t
; NAME/KEY: misc_feature

```

LOCATION: (45001)..(60000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (60001)..(75000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (75001)..(90000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (90001)..(105000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (105001)..(120000)
OTHER INFORMATION: n=a or c or g or t
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OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (150001)..(165000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (165001)..(180000)
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NAME/KEY: misc_feature
LOCATION: (330001)..(345000)
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NAME/KEY: misc_feature
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NAME/KEY: misc_feature
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OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (390001)..(405000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (405001)..(420000)

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2  NAME/KEY: misc_feature
3  LOCATION: (420001)..(435000)
4  OTHER INFORMATION: n=a or c or g or t
5  NAME/KEY: misc_feature
6  LOCATION: (435001)..(450000)
7  OTHER INFORMATION: n=a or c or g or t
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10 OTHER INFORMATION: n=a or c or g or t
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12 LOCATION: (465001)..(480000)
13 OTHER INFORMATION: n=a or c or g or t
14 NAME/KEY: misc_feature
15 LOCATION: (480001)..(495000)
16 OTHER INFORMATION: n=a or c or g or t
17 NAME/KEY: misc_feature
18 LOCATION: (495001)..(510000)
19 OTHER INFORMATION: n=a or c or g or t
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21 LOCATION: (510001)..(525000)
22 OTHER INFORMATION: n=a or c or g or t
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25 OTHER INFORMATION: n=a or c or g or t
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28 OTHER INFORMATION: n=a or c or g or t
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35 NAME/KEY: misc_feature
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39 LOCATION: (600001)..(615000)
40 OTHER INFORMATION: n=a or c or g or t
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42 LOCATION: (615001)..(630000)
43 OTHER INFORMATION: n=a or c or g or t
44 NAME/KEY: misc_feature
45 LOCATION: (630001)..(645000)
46 OTHER INFORMATION: n=a or c or g or t
47 NAME/KEY: misc_feature
48 LOCATION: (645001)..(660000)
49 OTHER INFORMATION: n=a or c or g or t
50 NAME/KEY: misc_feature
51 LOCATION: (660001)..(675000)
52 OTHER INFORMATION: n=a or c or g or t
53 NAME/KEY: misc_feature
54 LOCATION: (675001)..(690000)
55 OTHER INFORMATION: n=a or c or g or t
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57 LOCATION: (690001)..(705000)
58 OTHER INFORMATION: n=a or c or g or t
59 NAME/KEY: misc_feature
60 LOCATION: (705001)..(720000)
61 OTHER INFORMATION: n=a or c or g or t
62 NAME/KEY: misc_feature
63 LOCATION: (720001)..(735000)
64 OTHER INFORMATION: n=a or c or g or t
65 NAME/KEY: misc_feature
66 LOCATION: (735001)..(750000)
67 OTHER INFORMATION: n=a or c or g or t
68 NAME/KEY: misc_feature
69 LOCATION: (750001)..(765000)
70 OTHER INFORMATION: n=a or c or g or t
71 NAME/KEY: misc_feature
72 LOCATION: (765001)..(780000)
73 OTHER INFORMATION: n=a or c or g or t

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LOCATION: (780001)..(795000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (795001)..(810000)
OTHER INFORMATION: n=a or c or g or t
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OTHER INFORMATION: n=a or c or g or t
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LOCATION: (870001)..(885000)
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LOCATION: (885001)..(900000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (900001)..(915000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
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Query Match 17.0%; Score 29.8; DB 4; Length 1230025;
Best Local Similarity 60.5%; Pred. No. 26;
Matches 49; Conservative 0; Mismatches 32; Indels 0; Gaps 0;

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OY 29 AGGAATGCACATCTCTTAAGCACTCGCAAAACAGGAAGGCTCCACACCTCTGGCAGGCCA 88
DB 807126 AAGACAGCAAAATTCTTGACCACTCAACAGGAATCCCGACAGCTCTTGCACTACA 807185
OY 89 GGGCCTTCTCTTCAGCATGA 109
DB 807186 GCACGGAAGCTCTCTGATCA 807206
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RESULT 5
US-08-652-265-1
Sequence 1, Application US/08652265
Patent No. 6025130
GENERAL INFORMATION:
APPLICANT: Thomas, Winston J.
APPLICANT: Drayna, Dennis T.
APPLICANT: Feder, John N.
APPLICANT: Guitke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Hereditary Hemochromatosis Gene
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/652,265
FILING DATE: 23-MAY-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:

```
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 17957-000500
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10825 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
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FEATURE:
NAME/KEY: CDS
LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
LOCATION: 6040..6153, 7107..7147)
OTHER INFORMATION: /product= "Hereditary Hemochromatosis"
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION: /note= "No. 6025130mal or wild-type (unaffected)"
OTHER INFORMATION: Hereditary Hemochromatosis (HH) gene
OTHER INFORMATION: allele
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FEATURE:
NAME/KEY:
LOCATION: 140..7319
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: normal or wild-type (unaffected) allele
OTHER INFORMATION: cdna (SEQ ID NO:9) "
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FEATURE:
NAME/KEY:
LOCATION: 3852..3891
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: normal or wild-type (unaffected) genomic
OTHER INFORMATION: sequence surrounding variant for 24d2(C)
OTHER INFORMATION: allele (SEQ ID NO:41) "
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FEATURE:
NAME/KEY:
LOCATION: 5507..6023
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: normal or wild-type (unaffected) genomic
OTHER INFORMATION: sequence surrounding variant for 24d1(G)
OTHER INFORMATION: allele (SEQ ID NO:20) "
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FEATURE:
NAME/KEY: allele
LOCATION: replace(3872, "c")
OTHER INFORMATION: /phenotype= "normal or wild-type
OTHER INFORMATION: (unaffected) "
OTHER INFORMATION: /label= 24d2
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FEATURE:
NAME/KEY: allele
LOCATION: replace(3878, "a")
OTHER INFORMATION: /phenotype= "normal or wild-type
OTHER INFORMATION: (unaffected) "
OTHER INFORMATION: /label= 24d7
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NAME/KEY: allele
LOCATION: replace(5834, "g")
OTHER INFORMATION: /phenotype= "normal or wild-type
OTHER INFORMATION: (unaffected) "
OTHER INFORMATION: /label= 24d1
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US-08-652-265-1
Query Match 15.9%; Score 27.8; DB 3; Length 10825;
Best Local Similarity 65.1%; Pred. No. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;

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OY 113 AGACAGGAGACAGAGTACTCTCTCTGAGGAGTACTGCTAGCTAGATTAACACCC 172
DB 2609 AGGCCAGAGAGACAGATTCTCTGAGCTCAGAGTTCAGACCAAGCTGGGCAACACAGCA 2668
OY 173 AAA 175
DB 2669 AAA 2671
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RESULT 6
US-08-652-265-3
; Sequence 3, Application US/08652265
; Patent No. 6025130
; GENERAL INFORMATION:
; APPLICANT: Thomas, Winston J.
; APPLICANT: Drayna, Dennis T.
; APPLICANT: Feder, John N.
; APPLICANT: Guitke, Andreas
; APPLICANT: Ruddy, David
; APPLICANT: Tsuchihashi, Zenta
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: Hereditary Hemochromatosis Gene
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/652,265
; FILING DATE: 23-MAY-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 17957-000500
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10825 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
; LOCATION: 6040..6153, 7107..7147)
; OTHER INFORMATION: /product="Hereditary Hemochromatosis
; OTHER INFORMATION:
; OTHER INFORMATION: mutation"
; OTHER INFORMATION: /note="Hereditary Hemochromatosis (HH)
; OTHER INFORMATION: gene 24d1 allele"
; FEATURE:
; NAME/KEY: -
; LOCATION: 140..7319
; OTHER INFORMATION: /note="start and stop positions for
; OTHER INFORMATION: 24d1 allele cDNA (SEQ ID NO:10)"
; FEATURE:
; NAME/KEY: -
; LOCATION: 3852..3891
; OTHER INFORMATION: /note="start and stop positions for
; OTHER INFORMATION: genomic sequence surrounding variant
; OTHER INFORMATION: for 24d2(C) allele (SEQ ID NO:41)"
; FEATURE:
; NAME/KEY: -
; LOCATION: 5507..6023
; OTHER INFORMATION: /note="start and stop positions for
; OTHER INFORMATION: genomic sequence surrounding variant
; OTHER INFORMATION: for 24d1(A) allele (SEQ ID NO:21)"
; FEATURE:

; NAME/KEY: allele
; LOCATION: replace(5834, "a")
; OTHER INFORMATION: /phenotype= "Hereditary Hemochromatosis
; OTHER INFORMATION:
; OTHER INFORMATION: /label= 24d1
US-08-652-265-3
Query Match 15.9%; Score 27.8; DB 3; Length 10825;
Best Local Similarity 65.1%; Pred. No. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;
QY 113 AGACAAAGGACAGCAGTACTCTCTGAGAGACTAGCTAGCCTAGATAAACACC 172
Db 2609 AGGCCAAGAGAGAGAGATTCTTGAGCTCAGAGATTCAAGACCAAGCCTGGCAACAGCA 2668
QY 173 AAA 175
Db 2669 AAA 2671

RESULT 7
US-08-652-265-5
; Sequence 5, Application US/08652265
; Patent No. 6025130
; GENERAL INFORMATION:
; APPLICANT: Thomas, Winston J.
; APPLICANT: Drayna, Dennis T.
; APPLICANT: Feder, John N.
; APPLICANT: Guitke, Andreas
; APPLICANT: Ruddy, David
; APPLICANT: Tsuchihashi, Zenta
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: Hereditary Hemochromatosis Gene
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/652,265
; FILING DATE: 23-MAY-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 17957-000500
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10825 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
; LOCATION: 6040..6153, 7107..7147)
; OTHER INFORMATION: /product="Hereditary Hemochromatosis
; OTHER INFORMATION:
; OTHER INFORMATION: mutation"
; OTHER INFORMATION: /note="Hereditary Hemochromatosis (HH)
; OTHER INFORMATION: gene 24d2 allele"

FEATURE:
NAME/KEY: -
LOCATION: 140..7319 /note= "start and stop positions for
OTHER INFORMATION: 24d2 allele cDNA (SEQ ID NO:11)"
FEATURE:
NAME/KEY: -
LOCATION: 3852..3891 /note= "start and stop positions for
OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d2(G) allele (SEQ ID NO:42)"
FEATURE:
NAME/KEY: -
LOCATION: 5507..6023 /note= "start and stop positions for
OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d1(G) allele (SEQ ID NO:20)"
FEATURE:
NAME/KEY: allele
LOCATION: replace(3872, "g")
OTHER INFORMATION: /phenotype= "Hereditary Hemochromatosis"
OTHER INFORMATION: /label= 24d2
US-08-652-265-5

Query Match 15.9%; Score 27.8; DB 3; Length 10825;
Best Local Similarity 65.1%; Pred. No. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;

QY 113 AGACAGGAGACAGAGACTCTCTCTGAGAGACTAGTCTAGCCTAGATAAACACCC 172
DB 2609 AGGCCAAGAGAGAGAGATTCCTGAGCTCAGAGATTCAAGACCAAGCTGGGCAACACAGCA 2668

QY 173 AAA 175
DB 2669 AAA 2671

RESULT 8
US-08-652-265-7
Sequence 7, Application US/08652265
Patent No. 6025130
GENERAL INFORMATION:
APPLICANT: Thomas, Winston J.
APPLICANT: Drayna, Dennis T.
APPLICANT: Feder, John N.
APPLICANT: Gnirke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Hereditary Hemochromatosis Gene
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/652,265
FILING DATE: 23-MAY-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 17957-000500
TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 10825 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
LOCATION: 6040..6153, 7107..7147)
OTHER INFORMATION: /product= "Hereditary Hemochromatosis"
OTHER INFORMATION:
OTHER INFORMATION: and 24d2 mutations"
OTHER INFORMATION: /note= "Hereditary Hemochromatosis (HH)
OTHER INFORMATION: gene containing a combination of both
OTHER INFORMATION: 24d1 and 24d2 alleles"
FEATURE:
NAME/KEY: -
LOCATION: 140..7319 /note= "start and stop positions for
OTHER INFORMATION: cDNA containing a combination of both
OTHER INFORMATION: 24d1 and 24d2 alleles
OTHER INFORMATION: (SEQ ID NO:12)"
FEATURE:
NAME/KEY: -
LOCATION: 3852..3891 /note= "start and stop positions for
OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d2(G) allele (SEQ ID NO:42)"
FEATURE:
NAME/KEY: -
LOCATION: 5507..6023 /note= "start and stop positions for
OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d1(A) allele (SEQ ID NO:21)"
FEATURE:
NAME/KEY: allele
LOCATION: replace(3872, "g")
OTHER INFORMATION: /phenotype= "Hereditary Hemochromatosis"
OTHER INFORMATION: /label= 24d2
FEATURE:
NAME/KEY: allele
LOCATION: replace(5834, "a")
OTHER INFORMATION: /phenotype= "Hereditary Hemochromatosis"
OTHER INFORMATION: /label= 24d1
US-08-652-265-7

Query Match 15.9%; Score 27.8; DB 3; Length 10825;
Best Local Similarity 65.1%; Pred. No. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;

QY 113 AGACAGGAGACAGAGACTCTCTCTGAGAGACTAGTCTAGCCTAGATAAACACCC 172
DB 2609 AGGCCAAGAGAGAGAGATTCCTGAGCTCAGAGATTCAAGACCAAGCTGGGCAACACAGCA 2668

QY 173 AAA 175
DB 2669 AAA 2671

RESULT 9
US-08-834-497A-1
Sequence 1, Application US/08834497A
Patent No. 6140305
GENERAL INFORMATION:
APPLICANT: Thomas, Winston J.
APPLICANT: Drayna, Dennis T.
APPLICANT: Feder, John N.

APPLICANT: Gairke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,497A
FILING DATE: 04-APR-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/652,265
FILING DATE: 23-MAY-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,912
FILING DATE: 04-APR-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,912
FILING DATE: 04-APR-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0056-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10825 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
LOCATION: 6040..6153, 7107..7147)
OTHER INFORMATION: /product= "Hereditary Hemochromatosis"
OTHER INFORMATION:
OTHER INFORMATION: /note= "No. 6140305mal or wild-type (unaffected)
OTHER INFORMATION: Hereditary Hemochromatosis (HH) gene
OTHER INFORMATION: allele"
FEATURE:
NAME/KEY:
LOCATION: 140..7319
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: normal or wild-type (unaffected) allele
OTHER INFORMATION: CDNA (SEQ ID NO:9)"
FEATURE:
NAME/KEY:
LOCATION: 3852..3891
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: normal or wild-type (unaffected) genomic
OTHER INFORMATION: sequence surrounding variant for 24d2 (C)
OTHER INFORMATION: allele (SEQ ID NO:41)"
FEATURE:
NAME/KEY:

LOCATION: 5507..6023
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: normal or wild-type (unaffected) genomic
OTHER INFORMATION: sequence surrounding variant for 24d1 (G)
OTHER INFORMATION: allele (SEQ ID NO:20)"
FEATURE:
NAME/KEY: allele
LOCATION: replace(3872, "c")
OTHER INFORMATION: /phenotype= "normal or wild-type
OTHER INFORMATION: (unaffected)"
OTHER INFORMATION: /label= 24d2
FEATURE:
NAME/KEY: allele
LOCATION: replace(3878, "a")
OTHER INFORMATION: /phenotype= "normal or wild-type
OTHER INFORMATION: (unaffected)"
OTHER INFORMATION: /label= 24d7
FEATURE:
NAME/KEY: allele
LOCATION: replace(5834, "g")
OTHER INFORMATION: /phenotype= "normal or wild-type
OTHER INFORMATION: (unaffected)"
OTHER INFORMATION: /label= 24d1
US-08-834-497A-1
Query Match 15.9%; Score 27.8; DB 3; Length 10825;
Best Local Similarity 65.1%; Pred. No. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;
QY 113 AGACAGGAGACAGACAGACTCTCTGAGGACTAGTCTAGACCTAGATAAACACCC 172
DB 2609 AGCCCAAGAGAGACAGATTCTCTAGCTCAGAGTTCAGACCAAGCCTGGCAACACAGCA 2668
QY 173 AAA 175
DB 2669 AAA 2671
RESULT 10
US-08-834-497A-3
Sequence 3, Application US/08834497A
Patent No. 6140305
GENERAL INFORMATION:
APPLICANT: Thomas, Winston J.
APPLICANT: Dayna, Dennis T.
APPLICANT: Feder, John N.
APPLICANT: Gairke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,497A
FILING DATE: 04-APR-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/652,265
FILING DATE: 23-MAY-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/632,673
FILING DATE: 16-APR-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,912
FILING DATE: 04-APR-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0056-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 10825 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
LOCATION: 6040..6153, 7107..7147)
OTHER INFORMATION: /product= "Hereditary Hemochromatosis"
OTHER INFORMATION:
OTHER INFORMATION: mutation
OTHER INFORMATION: /note= "Hereditary Hemochromatosis (HH)"
OTHER INFORMATION: gene 24d1 allele"
FEATURE:
NAME/KEY:
LOCATION: 140..7319
OTHER INFORMATION: /note= "start and stop positions for
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FEATURE:
NAME/KEY:
LOCATION: 3852..3891
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d2(C) allele (SEQ ID NO:41)"
FEATURE:
NAME/KEY:
LOCATION: 5507..6023
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d1(A) allele (SEQ ID NO:21)"
FEATURE:
NAME/KEY: allele
LOCATION: replace(5634, "a")
OTHER INFORMATION: /phenotype= "Hereditary Hemochromatosis"
OTHER INFORMATION:
OTHER INFORMATION: /label= 24d1
US-08-834-497A-3
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Best Local Similarity 65.1%; Pred. No. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;
QY 113 AGACAAGGAGACAGACTCTCTCTGAGAGACTAGTCTAGCCTAGATAAACAACC 172
DB 2609 AGGCAAGAGAGAGACTCTCTGAGCTCAGAGATTCAAGACCGCTGGGCAACACAGCA 2668
QY 173 AAA 175
DB 2669 AAA 2671

RESULT 11
US-08-834-497A-5
; Sequence 5, Application US/08834497A
; Patent No. 6140305

GENERAL INFORMATION:
APPLICANT: Thomas, Winston J.
APPLICANT: Drayna, Dennis T.
APPLICANT: Feder, John N.
APPLICANT: Guitke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolfe, Roger K.
TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,497A
FILING DATE: 04-APR-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/652,265
FILING DATE: 23-MAY-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/632,673
FILING DATE: 16-APR-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,912
FILING DATE: 04-APR-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0056-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 10825 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
LOCATION: 6040..6153, 7107..7147)
OTHER INFORMATION: /product= "Hereditary Hemochromatosis"
OTHER INFORMATION:
OTHER INFORMATION: mutation
OTHER INFORMATION: /note= "Hereditary Hemochromatosis (HH)"
OTHER INFORMATION: gene 24d2 allele"
FEATURE:
NAME/KEY:
LOCATION: 140..7319
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OTHER INFORMATION: for 24d2(G) allele (SEQ ID NO:42)"

FEATURE:
NAME/KEY: -
LOCATION: 5507..6023
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d1(G) allele (SEQ ID NO:20) "
FEATURE:
NAME/KEY: allele
LOCATION: replace(3872, "g")
OTHER INFORMATION: /phenotype= "Hereditary Hemochromatosis
OTHER INFORMATION: /label= 24d2
US-08-834-497A-5

Query Match 15.9%; Score 27.8; DB 3; Length 10825;
Best Local Similarity 65.1%; Pred. No. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;

QY 113 AGACAAGGAGACAGAGTACTCTCTCTGAGGAGTCTAGCTTGAATTAACACCC 172
DB 2609 AGCCAAGAGAGCAGATTCTGAGCTCAGAGTTCAGACCAAGCCTGGGCAACACAGCA 2668

QY 173 AAA 175
DB 2669 AAA 2671

RESULT 12
US-08-834-497A-7
Sequence 7, Application US/08834497A
Patent No. 6140305
GENERAL INFORMATION:
APPLICANT: Thomas, Winston J.
APPLICANT: Drayna, Dennis T.
APPLICANT: Feder, John N.
APPLICANT: Gnirke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,497A
FILING DATE: 04-APR-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/652,265
FILING DATE: 23-MAY-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/632,673
FILING DATE: 16-APR-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,912
FILING DATE: 04-APR-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0056-999

TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 10825 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
LOCATION: 6040..6153, 7107..7147)
OTHER INFORMATION: /product= "Hereditary Hemochromatosis
OTHER INFORMATION:
OTHER INFORMATION: and 24d2 mutations"
OTHER INFORMATION: /note= "Hereditary Hemochromatosis (HH)
OTHER INFORMATION: gene containing a combination of both
OTHER INFORMATION: 24d1 and 24d2 alleles"
FEATURE:
NAME/KEY: -
LOCATION: 140..7319
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: cDNA containing a combination of both
OTHER INFORMATION: 24d1 and 24d2 alleles
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FEATURE:
NAME/KEY: -
LOCATION: 3852..3891
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OTHER INFORMATION: for 24d2(G) allele (SEQ ID NO:42) "
FEATURE:
NAME/KEY: -
LOCATION: 5507..6023
OTHER INFORMATION: /note= "start and stop positions for
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OTHER INFORMATION: for 24d1(A) allele (SEQ ID NO:21) "
FEATURE:
NAME/KEY: allele
LOCATION: replace(3872, "g")
OTHER INFORMATION: /phenotype= "Hereditary Hemochromatosis
OTHER INFORMATION: /label= 24d2
FEATURE:
NAME/KEY: allele
LOCATION: replace(5834, "a")
OTHER INFORMATION: /phenotype= "Hereditary Hemochromatosis
OTHER INFORMATION: /label= 24d1
US-08-834-497A-7

Query Match 15.9%; Score 27.8; DB 3; Length 10825;
Best Local Similarity 65.1%; Pred. No. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;

QY 113 AGACAAGGAGACAGAGTACTCTCTCTGAGGAGTCTAGCTTGAATTAACACCC 172
DB 2609 AGCCAAGAGAGCAGATTCTGAGCTCAGAGTTCAGACCAAGCCTGGGCAACACAGCA 2668

QY 173 AAA 175
DB 2669 AAA 2671

RESULT 13
US-09-503-444A-1
Sequence 1, Application US/09503444A
Patent No. 6228594
GENERAL INFORMATION:
APPLICANT: Thomas, Winston J.

APPLICANT: Drayna, Dennis T.
APPLICANT: Feder, John N.
APPLICANT: Gairke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Hereditary Hemochromatosis Gene
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WordPerfect Version 8
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/503,444A
FILING DATE: 14-Feb-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/652,265
FILING DATE: 23-May-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/632,673
FILING DATE: 16-Apr-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/630,912
FILING DATE: 04-Apr-1996
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0088-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10825 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
LOCATION: 6040..6153, 7107..7147)
OTHER INFORMATION: /product= "Hereditary Hemochromatosis
OTHER INFORMATION: /note= "No. 6228594mal or wild-type (unaffected)
OTHER INFORMATION: Hereditary Hemochromatosis (HH) gene
OTHER INFORMATION: allele"
FEATURE:
NAME/KEY: -
LOCATION: 140..7319
OTHER INFORMATION: /note= "start and stop positions for
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OTHER INFORMATION: cdna (SEQ ID NO:9)"
FEATURE:
NAME/KEY: -
LOCATION: 3852..3891
OTHER INFORMATION: /note= "start and stop positions for
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OTHER INFORMATION: sequence surrounding variant for 24d2(C)
OTHER INFORMATION: allele (SEQ ID NO:41)"
FEATURE:
NAME/KEY: -
LOCATION: 5507..6023

OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: normal or wild-type (unaffected) genomic
OTHER INFORMATION: sequence surrounding variant for 24d1(G)
OTHER INFORMATION: allele (SEQ ID NO:20)"
FEATURE:
NAME/KEY: allele
LOCATION: replace(3872, "c")
OTHER INFORMATION: /phenotype= "normal or wild-type
OTHER INFORMATION: (unaffected)"
OTHER INFORMATION: /label= 24d2
FEATURE:
NAME/KEY: allele
LOCATION: replace(3878, "a")
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OTHER INFORMATION: /label= 24d1
US-09-503-444A-1
Query Match 15.9%; Score 27.8; DB 3; Length 10825;
Best Local Similarity 65.1%; Pred. NO. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;

QY 113 AGACAGGAGCAGCAGACTCTCTGAGAGACTAGTCTAGCCTAGATAAACCACC 172
DB 2609 AGCCAGAGAGCAGATCTCTGAGCTCAGAGTCAAGACCAGCCTGGCAACACAGA 2668
QY 173 AAA 175
DB 2669 AAA 2671

RESULT 14
US-09-503-444A-3
Sequence 3, Application US/09503444A
Patent No. 6228594
GENERAL INFORMATION:
APPLICANT: Thomas, Winston J.
APPLICANT: Drayna, Dennis T.
APPLICANT: Feder, John N.
APPLICANT: Gairke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Hereditary Hemochromatosis Gene
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WordPerfect Version 8
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/503,444A
FILING DATE: 14-Feb-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/652,265
FILING DATE: 23-May-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/632,673
FILING DATE: 16-Apr-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/630,912
FILING DATE: 04-Apr-1996
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0088-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 10825 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
LOCATION: 6040..6153, 7107..7147)
OTHER INFORMATION: /product= "Hereditary Hemochromatosis
OTHER INFORMATION: /note= "mutation"
OTHER INFORMATION: /note= "Hereditary Hemochromatosis (HH)
OTHER INFORMATION: gene 24d1 allele"
FEATURE:
NAME/KEY: -
LOCATION: 140..7319
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: 24d1 allele cDNA (SEQ ID NO:10)"
FEATURE:
NAME/KEY: -
LOCATION: 3852..3891
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OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d2(C) allele (SEQ ID NO:41)"
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NAME/KEY: -
LOCATION: 5507..6023
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d1(A) allele (SEQ ID NO:21)"
FEATURE:
NAME/KEY: allele
LOCATION: replace(5834, "a")
OTHER INFORMATION: /phenotype= "Hereditary Hemochromatosis
OTHER INFORMATION:
OTHER INFORMATION: /label= 24d1
US-09-503-444A-3
Query Match 15.9%; Score 27.8; DB 3; Length 10825;
Best Local Similarity 65.1%; Pred. No. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;
QY 113 AGACAAGGACAGACAGACTCTCTCTGAGAGACTAGCTAGCCTAGATAACACCCC 172
Db 2609 AGGCCAAGAGAGAGAGATTCCTGAGCTCAGAGGTTCAAGACCAAGCCTGGCAACACAGCA 2668
QY 173 AAA 175
Db 2669 AAA 2671
RESULT 15
US-09-503-444A-5
Sequence 5, Application US/09503444A
Patent No. 6228594
GENERAL INFORMATION:
APPLICANT: Thomas, Winston J.
APPLICANT: Drayna, Dennis T.
APPLICANT: Feder, John N.

APPLICANT: Gnirke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Hereditary Hemochromatosis Gene
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Wordperfect Version 8
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/503,444A
FILING DATE: 14-Feb-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/652,265
FILING DATE: 23-May-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/632,673
FILING DATE: 16-Apr-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/630,912
FILING DATE: 04-Apr-1996
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 8907-0088-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 10825 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: join(361..436, 3762..4025, 4235..4510, 5606..5881,
LOCATION: 6040..6153, 7107..7147)
OTHER INFORMATION: /product= "Hereditary Hemochromatosis
OTHER INFORMATION:
OTHER INFORMATION: /note= "mutation"
OTHER INFORMATION: /note= "Hereditary Hemochromatosis (HH)
OTHER INFORMATION: gene 24d2 allele"
FEATURE:
NAME/KEY: -
LOCATION: 140..7319
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: 24d2 allele cDNA (SEQ ID NO:11)"
FEATURE:
NAME/KEY: -
LOCATION: 3852..3891
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d2(G) allele (SEQ ID NO:42)"
FEATURE:
NAME/KEY: -
LOCATION: 5507..6023
OTHER INFORMATION: /note= "start and stop positions for
OTHER INFORMATION: genomic sequence surrounding variant
OTHER INFORMATION: for 24d1(G) allele (SEQ ID NO:20)"
FEATURE:

NAME/KEY: allele
LOCATION: replace(3872, "g")
OTHER INFORMATION: /phenotype= "Hereditary Hemochromatosis"
OTHER INFORMATION: /label= 24d2
US-09-503-444A-5

Query Match 15.9%; Score 27.8; DB 3; Length 10825;
Best Local Similarity 65.1%; Pred. No. 17;
Matches 41; Conservative 0; Mismatches 22; Indels 0; Gaps 0;

QY 113 AGACAAGGACAGACTCTCTCTGAGGACTAGTCTAGAGCTAGATTAACACCC 172
Db 2609 AGGCCAAGAGAGAGACTTCTGAGCTCAGAGTTCAAGACCAAGCTGGCAACACAGCA 2668

QY 173 AAA 175
Db 2669 AAA 2671

Search completed: May 9, 2004, 06:32:33
Job time : 20.6184 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 05:00:41 ; Search time 77.7263 Seconds
(without alignments)
10199.232 Million cell updates/sec

Title: US-10-010-408-1_COPY_1534_1708

Perfect score: 175
Sequence: 1 AGTCCAGGAAGCTTGAGCTTT.....GCCTAGATAAACACCCCAA 175

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2941586 seqs, 2264995651 residues

Total number of hits satisfying chosen parameters: 1 5883172

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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1	175	100.0	1708	US-10-010-408-1	Sequence 1, Appli
2	126.2	72.1	1734	US-10-112-267-17	Sequence 17, Appl
3	126.2	72.1	1734	US-10-112-267-18	Sequence 18, Appl
4	125.8	71.9	439	US-09-956-622A-23	Sequence 23, Appl
5	57	32.6	65	US-09-908-975-2937	Sequence 2937, Ap
6	32.2	18.4	1224	US-10-260-238-611	Sequence 611, App
7	31.2	17.8	707	US-10-027-632-12045	Sequence 12045, A
8	31.2	17.8	707	US-10-027-632-12045	Sequence 12045, A
9	30.8	17.6	463	US-09-796-692-359	Sequence 359, App
10	30.8	17.6	463	US-09-796-692-4928	Sequence 4928, Ap
11	30.8	17.6	463	US-10-040-862-359	Sequence 359, App
12	30.8	17.6	463	US-10-040-862-4928	Sequence 4928, Ap
13	30.8	17.6	463	US-10-057-475B-359	Sequence 359, App
14	30.8	17.6	463	US-10-057-475B-4928	Sequence 4928, Ap

15	30.8	17.6	463	16	US-10-154-884B-359	Sequence 359, App
16	30.8	17.6	463	16	US-10-154-884B-4928	Sequence 4928, Ap
17	30	17.1	483	9	US-09-864-761-1000	Sequence 1000, Ap
18	30	17.1	1096	9	US-09-864-761-17772	Sequence 17772, A
19	30	17.1	2016	13	US-10-276-774-764	Sequence 764, App
20	30	17.1	46604	13	US-10-087-192-835	Sequence 835, App
21	30	17.1	200400	13	US-10-087-192-1033	Sequence 1033, Ap
22	29.8	17.0	2538	13	US-10-282-122A-18508	Sequence 18508, A
23	29.8	17.0	123025	16	US-10-289-762-1	Sequence 1, Appli
24	29.6	16.9	23988	13	US-10-087-192-1717	Sequence 1717, Ap
25	29.4	16.8	1753	15	US-10-161-803-23	Sequence 23, Appl
26	29.4	16.8	3915	15	US-10-205-219-188	Sequence 18, Appl
27	29.4	16.8	6236	13	US-10-381-327-16	Sequence 16, Appl
28	29.2	16.7	466	10	US-09-814-353-13693	Sequence 13693, A
29	29.2	16.7	177249	16	US-10-085-117-223	Sequence 223, App
30	29	16.6	624	13	US-10-027-632-20550	Sequence 20550, App
31	29	16.6	624	16	US-10-027-632-20550	Sequence 20550, App
32	29	16.6	851	13	US-10-027-632-110489	Sequence 110489, App
33	29	16.6	851	16	US-10-027-632-110489	Sequence 110489, App
34	28.8	16.5	274	11	US-09-864-408A-3817	Sequence 3817, Ap
35	28.8	16.5	431	9	US-09-560-863-222	Sequence 222, App
36	28.8	16.5	4548	16	US-10-369-493-25324	Sequence 25324, A
37	28.8	16.5	117382	13	US-10-087-192-1435	Sequence 1435, Ap
38	28.8	16.5	659158	9	US-09-771-208-20	Sequence 20, Appl
39	28.6	16.3	570	13	US-10-027-632-281405	Sequence 281405, App
40	28.6	16.3	570	16	US-10-027-632-281405	Sequence 281405, App
41	28.6	16.3	627	13	US-10-027-632-189371	Sequence 189371, App
42	28.6	16.3	627	13	US-10-027-632-189372	Sequence 189372, App
43	28.6	16.3	627	16	US-10-027-632-189371	Sequence 189371, App
44	28.6	16.3	627	16	US-10-027-632-189372	Sequence 189372, App
45	28.6	16.3	829	13	US-10-425-114-4284	Sequence 4284, Ap

ALIGNMENTS

RESULT 1

US-10-010-408-1

Sequence 1, Application US/10010408

Publication No. US20020165185A1

GENERAL INFORMATION:

APPLICANT: John J. Castellot, Jr.

TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced C6N-Like Molecules and Uses Therefor

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/010,408

FILING DATE: 07-Dec-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/044,273

FILING DATE: March 19, 1998

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amy E. Mandragouras

REGISTRATION NUMBER: 36,207

REFERENCE/DOCKET NUMBER: MBI-004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400

TELEFAX: (617)742-4214

```

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 1708 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
;   NAME/KEY: CDS
;   LOCATION: 249..1001
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-010-408-1

Query Match      100.0%; Score 175; DB 14; Length 1708;
Best Local Similarity 100.0%; Pred. No. 6e-53;
Matches 175; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTCCAGGAAGCTTGAGCTTTGTATTTTCAGGAATGACATCTCTTAAGCACTCGCAAAAC 60
    |||
Db 1534 AGTCCAGGAAGCTTGAGCTTTGTATTTTCAGGAATGACATCTCTTAAGCACTCGCAAAAC 1593

QY 61 AGGAAGGCTCCACACCTCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAAAGACAAG 120
    |||
Db 1594 AGGAAGGCTCCACACCTCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAAAGACAAG 1653

QY 121 GACAGCAGAGTACTCTCTCTGGAGAGCTAGTCTAGCCTAGATTAACACCCAAA 175
    |||
Db 1654 GACAGCAGAGTACTCTCTCTGGAGAGCTAGTCTAGCCTAGATTAACACCCAAA 1708

RESULT 2
US-10-112-267-17
; Sequence 17, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
;   APPLICANT: Botstein, David A.
;   APPLICANT: Cohen, Robert
;   APPLICANT: Goddard, Audrey
;   APPLICANT: Gurney, Austin L.
;   APPLICANT: Hillan, Kenneth J.
;   APPLICANT: Lawrence, David A.
;   APPLICANT: Levine, Arnold J.
;   APPLICANT: Pennica, Diane
;   APPLICANT: Roy, Margaret Ann
;   APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; PRIOR APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-17

Query Match      72.1%; Score 126.2; DB 15; Length 1734;
Best Local Similarity 86.3%; Pred. No. 3.5e-35;
Matches 151; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY 1 AGTCCAGGAAGCTTGAGCTTTGTATTTTCAGGAATGACATCTCTTAAGCACTCGCAAAAC 60
    |||
Db 1536 AGTCCAGGAAGCTTGAGCTTTGTATTTTCAGGAATGACATCTCTTAAGCACTCGCAAAAC 1595

QY 61 AGGAAGGCTCCACACCTCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAAAGACAAG 120
```

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    |||
Db 1596 AAG-AGGCTCCACACTTCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAGACAAG 1654

QY 121 GACAGCAGAGTACTCTCTCTGGAGAGCTAGTCTAGCCTAGATTAACACCCAAA 175
    |||
Db 1655 AACAGTAGAGTACCCTCTCTGGAGAGCTGCGCCGCTCTGAATTAACACCCAAA 1709

RESULT 3
US-10-112-267-18/c
; Sequence 18, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
;   APPLICANT: Botstein, David A.
;   APPLICANT: Cohen, Robert
;   APPLICANT: Goddard, Audrey
;   APPLICANT: Gurney, Austin L.
;   APPLICANT: Hillan, Kenneth J.
;   APPLICANT: Lawrence, David A.
;   APPLICANT: Levine, Arnold J.
;   APPLICANT: Pennica, Diane
;   APPLICANT: Roy, Margaret Ann
;   APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; PRIOR APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-18

Query Match      72.1%; Score 126.2; DB 15; Length 1734;
Best Local Similarity 86.3%; Pred. No. 3.5e-35;
Matches 151; Conservative 0; Mismatches 23; Indels 1; Gaps 1;

QY 1 AGTCCAGGAAGCTTGAGCTTTGTATTTTCAGGAATGACATCTCTTAAGCACTCGCAAAAC 60
    |||
Db 199 AGTCCAGGAAGCTTGAGCTTTGTATTTTCAGGAATGACATCTCTTAAGCTCACAAGC 140

QY 61 AGGAAGGCTCCACACCTCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAAAGACAAG 120
    |||
Db 139 AAG-AGGCTCCACACTTCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAGACAAG 81

QY 121 GACAGCAGAGTACTCTCTCTGGAGAGCTAGTCTAGCCTAGATTAACACCCAAA 175
    |||
Db 80 AACAGTAGAGTACCCTCTCTGGAGAGCTGCGCCGCTCTGAATTAACACCCAAA 26

RESULT 4
US-09-956-622A-23
; Sequence 23, Application US/09956622A
; Publication No. US20030091973A1
; GENERAL INFORMATION:
;   APPLICANT: Horebovsky, Gregory J
;   APPLICANT: No. US20030091973A1 II, L. Staton
;   APPLICANT: Raha, Debashish
; TITLE OF INVENTION: Method of Identifying Osteoregenerative Agents Using
; FILE REFERENCE: 21402-445
; CURRENT APPLICATION NUMBER: US/09/956,622A
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/233,579
```

```

; PRIOR FILING DATE: 2000-09-13
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Rattus norvegicus
;
US-09-956-622A-23

```

Query Match	71.9%;	Score 125.8;	DB 10;	Length 439;
Best Local Similarity	96.8%;	Pred. No. 2.9e-35;		
Matches 150; Conservative	0;	Mismatches 2;	Indels 3;	Gaps 2;

QY	1	AGTCCAGGA	ACTTGAGCTTT	GTATTTT	CAGGAATG	CACATCTCTT	AAAGCACTCGCAAAAC	60
Db	285	AGTCCAGGA	ACTTGAGCTTT	GTATTTT	CAGGAATG	CACATCTCTT	AAAGCACTCGCAAAAC	344
QY	61	AGGAAGGCT	CCACACCTCT	TGGCAGCG	CAGGGCCTT	TCTCTT	CAGCATGAGAAAGCAAGG	120
Db	345	AGGAAGGCT	CCACACCTCT	TGGCAGCG	CAGGGCCTT	TCTCTT	CAGCATGAGAAAGCAAGG	404
QY	121	G--ACAGC	AGAGTAC-TCT	CCTCTG	AGAGACTAGT			152
Db	405	GGACCA	GACAGAGT	ACTTTT	CTCTG	AGAGACTAGT		439

```

RESULT 5
US-09-908-975-2937
; Sequence 2937, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICING
; TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908, 975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287, 724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221, 607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2937
; LENGTH: 65
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-908-975-2937

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[illegible]

RESULT 6
US-10-260-238-611/c
; Sequence 611, Application US/10260238
; Publication No. US20040016025a1
; GENERAL INFORMATION:
; APPLICANT: Budworth, Paul R.
; APPLICANT: Moughamer, Todd G.

```

; APPLICANT: Briggs, Steven P.
; APPLICANT: Cooper, Bret
; APPLICANT: Glazebrook, Jane
; APPLICANT: Goff, Stephen A.
; APPLICANT: Katagiri, Fumiyaki
; APPLICANT: Kreps, Joel
; APPLICANT: Provart, Nicholas
; APPLICANT: Ricke, Darrell
; APPLICANT: Zhu, Tong
; TITLE OF INVENTION: PROMOTERS FOR REGULATION OF PLANT EXPRESSION
; FILE REFERENCE: 60111-NP
; CURRENT APPLICATION NUMBER: US/10/260,238
; CURRENT FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/325,448
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 60/325,277
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 60/370,620
; PRIOR FILING DATE: 2002-04-04
; NUMBER OF SEQ ID NOS: 6077
; SEQ ID NO 611
; LENGTH: 1224
; TYPE: DNA
; ORGANISM: Oryza sativa
US-10-260-238-611

```

Query Match	18.4%	Score 32.2;	DB 16;	length 1224;
Best Local Similarity	59.1%;	Pred. No. 0.5;		
Matches	55; Conservative	0; Mismatches	38; Indels	0; Gaps 0.

OY 76 CTCTGGCAGCCAGGCGCTTTCTCTTCAGCATGAGAAAGACAAGGACAGCAAGTACTC 135
||| | | | | | | | | | | | | | |
Db 956 CTCTGCCTGTGTGATGCTTTCACATGAGCATCAACAAGATCTGTGACATCATGTAGTC 897
||| | | | | | | | | | | | | | |
OY 136 TCCTCTGGAGGACTAGTCTAGCCTAGAATAAAC 168
||| | | | | | | | | | | | | | |
Db 896 TCTTATGAGGTTCCATCAGTTGTAGGATAATC 864
||| | | | | | | | | | | | | | |

```

RESULT 7
US-10-027-632-12045/c
; Sequence 12045, Application US/10027632
; Publication No. US20020198371A1
GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12045
; LENGTH: 707
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-12045

```

Query Match	17.8%; Score 31.2; DB 13; Length 707;
-------------	---------------------------------------

Best Local Similarity 54.3%; Pred. No. 0.93;
Matches 63; Conservative 0; Mismatches 53; Indels 0; Gaps 0;

QY 36 CACATCTCTTAAGCACTCCGAAACAGGAGGCTCCACACCTCTGGCAGGCCGCTT 95
Db 686 CTCAGCTCCGAGAGTTCTCAGAGGGTGAGGGTCCACATCTCTGCGAGACAGGCCCTA 627

QY 96 TCTCTTCAGCATGAGAAAGACAGGAGCAGCAGTACTCTCTCTGAGACTAG 151
Db 626 GCTAACGAGTCACAGAAACGAGGGCGAAAGCAAGTCCCAATCCACAGAGGCTGG 571

RESULT 8

US-10-027-632-12045/c

; Sequence 12045, Application US/10027632

; Publication No. US20030204075A9

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

; FILE REFERENCE: 108827.129

; CURRENT APPLICATION NUMBER: US/10/027,632

; PRIOR FILING DATE: 2002-04-30

; PRIOR APPLICATION NUMBER: US 60/218,006

; PRIOR FILING DATE: 2000-07-12

; PRIOR APPLICATION NUMBER: US 60/198,676

; PRIOR FILING DATE: 2000-04-20

; PRIOR APPLICATION NUMBER: US 60/193,483

; PRIOR FILING DATE: 2000-03-29

; PRIOR APPLICATION NUMBER: US 60/185,218

; PRIOR FILING DATE: 2000-02-24

; PRIOR APPLICATION NUMBER: US 60/167,363

; PRIOR FILING DATE: 1999-11-23

; PRIOR APPLICATION NUMBER: US 60/156,358

; PRIOR FILING DATE: 1999-09-28

; PRIOR APPLICATION NUMBER: US 60/146,002

; PRIOR FILING DATE: 1999-08-09

; NUMBER OF SEQ ID NOS: 325720

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 12045

; LENGTH: 707

; TYPE: DNA

; ORGANISM: Human

; US-10-027-632-12045

Query Match

Best Local Similarity 17.8%; Score 31.2; DB 16; Length 707;

Matches 63; Conservative 0; Mismatches 53; Indels 0; Gaps 0;

QY 36 CACATCTCTTAAGCACTCCGAAACAGGAGGCTCCACACCTCTGGCAGGCCGCTT 95
Db 686 CTCAGCTCCGAGAGTTCTCAGAGGGTGAGGGTCCACATCTCTGCGAGACAGGCCCTA 627

QY 96 TCTCTTCAGCATGAGAAAGACAGGAGCAGCAGTACTCTCTCTGAGACTAG 151
Db 626 GCTAACGAGTCACAGAAACGAGGGCGAAAGCAAGTCCCAATCCACAGAGGCTGG 571

RESULT 9

US-09-796-692-359

; Sequence 359, Application US/09796692

; Publication No. US20020198362A1

; GENERAL INFORMATION:

; APPLICANT: Gaiger, Alexander

; APPLICANT: Algate, Paul A.

; APPLICANT: Mannion, Jane

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY

; FILE REFERENCE: 2077.001200

; CURRENT APPLICATION NUMBER: US/09/796,692

; PRIOR FILING DATE: 2001-03-01

; PRIOR APPLICATION NUMBER: 60/186,126

; PRIOR FILING DATE: 2000-03-01

; PRIOR APPLICATION NUMBER: 60/190,479

; PRIOR FILING DATE: 2000-03-17

; PRIOR APPLICATION NUMBER: 60/200,545

; PRIOR FILING DATE: 2000-04-27

; PRIOR APPLICATION NUMBER: 60/200,303

; PRIOR FILING DATE: 2000-04-28

; PRIOR APPLICATION NUMBER: 60/200,779

; PRIOR FILING DATE: 2000-04-28

; PRIOR APPLICATION NUMBER: 60/200,999

; PRIOR FILING DATE: 2000-05-01

; PRIOR APPLICATION NUMBER: 60/202,084

; PRIOR FILING DATE: 2000-05-04

; PRIOR APPLICATION NUMBER: 60/206,201

; PRIOR FILING DATE: 2000-05-22

; PRIOR APPLICATION NUMBER: 60/218,950

; PRIOR FILING DATE: 2000-07-14

; PRIOR APPLICATION NUMBER: 60/222,903

; PRIOR FILING DATE: 2000-08-03

; PRIOR APPLICATION NUMBER: 60/223,416

; PRIOR FILING DATE: 2000-08-04

; PRIOR APPLICATION NUMBER: 60/223,378

; PRIOR FILING DATE: 2000-08-07

; NUMBER OF SEQ ID NOS: 9597

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 359

; LENGTH: 463

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: (1)...(463)

; OTHER INFORMATION: n = A,T,C or G

; US-09-796-692-359

Query Match

Best Local Similarity 17.6%; Score 30.8; DB 9; Length 463;

Matches 65; Conservative 0; Mismatches 57; Indels 0; Gaps 0;

QY 1 AGTCAGGAAGCTTGAGCTTTGTATTTTCAGGAATGCACATCTCTTAAGCACTCCGAAAC 60
Db 265 AGTCCTTCAACTTCTGTTCTTCTGCTAACAGGTGTGCAATGAATTACCACTGGGTAAC 324

QY 61 AGAAGGCTCCACACTCTGAGAGGCCAGGCGCTTCTCTTACGATGAGAAAGCAAG 120
Db 325 TTGAATGAGTTAATGAATTCAGAGCCATGTCAGCCACCAACAGTCAAGGCCAAG 384

QY 121 GA 122
Db 385 AA 386

RESULT 10

US-09-796-692-4928

; Sequence 4928, Application US/09796692

; Publication No. US20020198362A1

; GENERAL INFORMATION:

; APPLICANT: Gaiger, Alexander

; APPLICANT: Algate, Paul A.

; APPLICANT: Mannion, Jane

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY

; FILE REFERENCE: 2077.001200

; CURRENT APPLICATION NUMBER: US/09/796,692

; PRIOR FILING DATE: 2001-03-01

; PRIOR APPLICATION NUMBER: 60/186,126

; PRIOR FILING DATE: 2000-03-01

; PRIOR APPLICATION NUMBER: 60/190,479

; PRIOR FILING DATE: 2000-03-17

; PRIOR APPLICATION NUMBER: 60/200,545

; PRIOR FILING DATE: 2000-04-27

; PRIOR APPLICATION NUMBER: 60/200,303

; PRIOR FILING DATE: 2000-04-28

; PRIOR APPLICATION NUMBER: 60/200,779


```
;; PRIOR FILING DATE: 2000-04-28
;; PRIOR APPLICATION NUMBER: 60/200,999
;; PRIOR FILING DATE: 2000-05-01
;; PRIOR APPLICATION NUMBER: 60/202,084
;; PRIOR FILING DATE: 2000-05-04
;; PRIOR APPLICATION NUMBER: 60/206,201
;; PRIOR FILING DATE: 2000-05-22
;; PRIOR APPLICATION NUMBER: 60/218,950
;; PRIOR FILING DATE: 2000-07-14
;; PRIOR APPLICATION NUMBER: 60/222,903
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: 60/223,416
;; PRIOR FILING DATE: 2000-08-04
;; PRIOR APPLICATION NUMBER: 60/223,378
;; PRIOR FILING DATE: 2000-08-07
;; NUMBER OF SEQ ID NOS: 9597
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 4928
;; LENGTH: 463
```

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;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: unsure
;; LOCATION: (6)
;; OTHER INFORMATION: n=A,T,C or G
;; NAME/KEY: unsure
;; LOCATION: (43)
;; OTHER INFORMATION: n=A,T,C or G
;; NAME/KEY: unsure
;; LOCATION: (45)
;; OTHER INFORMATION: n=A,T,C or G
;; NAME/KEY: unsure
;; LOCATION: (47)
;; OTHER INFORMATION: n=A,T,C or G
;; NAME/KEY: unsure
;; LOCATION: (108)
;; OTHER INFORMATION: n=A,T,C or G
;; NAME/KEY: unsure
;; LOCATION: (110)
;; OTHER INFORMATION: n=A,T,C or G
;; NAME/KEY: unsure
;; LOCATION: (420)
;; OTHER INFORMATION: n=A,T,C or G
;; NAME/KEY: unsure
;; LOCATION: (448)
;; OTHER INFORMATION: n=A,T,C or G
;; US-09-796-692-4928
```

Query Match 17.6%; Score 30.8; DB 9; Length 463;
Best Local Similarity 53.3%; Pred. No. 1.1;
Matches 65; Conservative 0; Mismatches 57; Indels 0; Gaps 0;

```
QY 1 AGTCAGGAAGCTTGAGCTTTGTAATTTTCAGGAATGCACATCTCTTAAGCACTCGCAAAAC 60
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 265 AGTCCTCAACTTCTGTTTCTTGCTAAGAGGTGTCGAATGAATTACCAACTGGGTAACC 324
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 61 AGGAAGGCTCCACACCTCTGGCAGGCCAGGCGCTTTCTCTTCAGCATGAGAAAGACAAGG 120
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 325 TTGAATGAGTTAATCAATTCAGGCCATGTCACGCGCACCAACAGTCAAGGCCAAGG 384
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
```

```
QY 121 GA 122
Db 385 AA 386
```

RESULT 11

```
US-10-040-862-359
; Sequence 359, Application US/10040862
; Publication No. US20030078396A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
```

```
;; APPLICANT: Retter, Marc
;; APPLICANT: Corixa Corporation
;; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
;; TITLE OF INVENTION: Hematological Malignancies
;; FILE REFERENCE: 014058-013520US
;; CURRENT APPLICATION NUMBER: US/10/040,862
;; CURRENT FILING DATE: 2001-11-06
;; PRIOR APPLICATION NUMBER: US 60/186,126
;; PRIOR FILING DATE: 2000-03-01
;; PRIOR APPLICATION NUMBER: US 60/190,479
;; PRIOR FILING DATE: 2000-03-17
;; PRIOR APPLICATION NUMBER: US 60/200,545
;; PRIOR FILING DATE: 2000-04-27
;; PRIOR APPLICATION NUMBER: US 60/200,303
;; PRIOR FILING DATE: 2000-04-28
;; PRIOR APPLICATION NUMBER: US 60/200,779
;; PRIOR FILING DATE: 2000-04-28
;; PRIOR APPLICATION NUMBER: US 60/200,999
;; PRIOR FILING DATE: 2000-05-01
;; PRIOR APPLICATION NUMBER: US 60/202,084
;; PRIOR FILING DATE: 2000-05-04
;; PRIOR APPLICATION NUMBER: US 60/206,201
;; PRIOR FILING DATE: 2000-05-22
;; PRIOR APPLICATION NUMBER: US 60/218,950
;; PRIOR FILING DATE: 2000-07-14
;; PRIOR APPLICATION NUMBER: US 60/222,903
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: US 60/223,416
;; PRIOR FILING DATE: 2000-08-04
;; PRIOR APPLICATION NUMBER: US 60/223,378
;; PRIOR FILING DATE: 2000-08-07
;; PRIOR APPLICATION NUMBER: US 09/796,692
;; PRIOR FILING DATE: 2001-03-01
;; NUMBER OF SEQ ID NOS: 10467
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 359
;; LENGTH: 463
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (1)...(463)
;; OTHER INFORMATION: n = A,T,C or G
;; US-10-040-862-359
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Query Match 17.6%; Score 30.8; DB 15; Length 463;
Best Local Similarity 53.3%; Pred. No. 1.1;
Matches 65; Conservative 0; Mismatches 57; Indels 0; Gaps 0;

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Db 265 AGTCCTCAACTTCTGTTTCTTGCTAAGAGGTGTCGAATGAATTACCAACTGGGTAACC 324
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 61 AGGAAGGCTCCACACCTCTGGCAGGCCAGGCGCTTTCTCTTCAGCATGAGAAAGACAAGG 120
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 325 TTGAATGAGTTAATCAATTCAGGCCATGTCACGCGCACCAACAGTCAAGGCCAAGG 384
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 121 GA 122
Db 385 AA 386
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RESULT 12

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US-10-040-862-4928
; Sequence 4928, Application US/10040862
; Publication No. US20030078396A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
```

;; TITLE OF INVENTION: Hematological Malignancies
;; FILE REFERENCE: 014058-013520US
;; CURRENT APPLICATION NUMBER: US/10/040,862
;; CURRENT FILING DATE: 2001-11-06
;; PRIOR APPLICATION NUMBER: US 60/186,126
;; PRIOR FILING DATE: 2000-03-01
;; PRIOR APPLICATION NUMBER: US 60/190,479
;; PRIOR FILING DATE: 2000-03-17
;; PRIOR APPLICATION NUMBER: US 60/200,545
;; PRIOR FILING DATE: 2000-04-27
;; PRIOR APPLICATION NUMBER: US 60/200,303
;; PRIOR FILING DATE: 2000-04-28
;; PRIOR APPLICATION NUMBER: US 60/200,779
;; PRIOR FILING DATE: 2000-04-28
;; PRIOR APPLICATION NUMBER: US 60/200,999
;; PRIOR FILING DATE: 2000-05-01
;; PRIOR APPLICATION NUMBER: US 60/202,084
;; PRIOR FILING DATE: 2000-05-04
;; PRIOR APPLICATION NUMBER: US 60/206,201
;; PRIOR FILING DATE: 2000-05-22
;; PRIOR APPLICATION NUMBER: US 60/218,950
;; PRIOR FILING DATE: 2000-07-14
;; PRIOR APPLICATION NUMBER: US 60/222,903
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: US 60/223,416
;; PRIOR FILING DATE: 2000-08-04
;; PRIOR APPLICATION NUMBER: US 60/223,378
;; PRIOR FILING DATE: 2000-08-07
;; PRIOR APPLICATION NUMBER: US 09/796,692
;; PRIOR FILING DATE: 2001-03-01
;; NUMBER OF SEQ ID NOS: 10467
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 4928
;; LENGTH: 463
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: unsure
;; LOCATION: (6)
;; OTHER INFORMATION: n=A,T,C or G
;; FEATURE:
;; NAME/KEY: unsure
;; LOCATION: (43)
;; OTHER INFORMATION: n=A,T,C or G
;; FEATURE:
;; NAME/KEY: unsure
;; LOCATION: (45)
;; OTHER INFORMATION: n=A,T,C or G
;; FEATURE:
;; NAME/KEY: unsure
;; LOCATION: (47)
;; OTHER INFORMATION: n=A,T,C or G
;; FEATURE:
;; NAME/KEY: unsure
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;; OTHER INFORMATION: n=A,T,C or G
;; FEATURE:
;; NAME/KEY: unsure
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;; OTHER INFORMATION: n=A,T,C or G
;; FEATURE:
;; NAME/KEY: unsure
;; LOCATION: (420)
;; OTHER INFORMATION: n=A,T,C or G
;; FEATURE:
;; NAME/KEY: unsure
;; LOCATION: (448)
;; OTHER INFORMATION: n=A,T,C or G
;; US-10-040-862-4928

QY 1 AGTCAGAACTTGAGCTTTGATTTTACGAATGACATCTCTTAAGCACTCGCAAAAC 60
DB 265 AGTCCTTCACTTCTGTCTTCTGCTAACAGGTGTGCAATGAATTACCACTGGTAACC 324
QY 61 AGGAAGCTCCACACCTCTGGCAGGCCAGGCCCTTCTCTTCAGCATGAGAAAGACAAG 120
DB 325 TTGAATGATTAATCAATTCAGGCCATGCTCCAGCCACCAACAGTCAAGGCCAAG 384
QY 121 GA 122
DB 385 AA 386
RESULT 13
US-10-057-475B-359
;; Sequence 359, Application US/10057475B
;; Publication No. US20040002068A1
;; GENERAL INFORMATION:
;; APPLICANT: Gaiger, Alexander
;; APPLICANT: Algate, Paul A.
;; APPLICANT: Mannion, Jane
;; APPLICANT: Clapper, Jonathan David
;; APPLICANT: Wang, Aijun
;; APPLICANT: Ordenez, Nadia
;; APPLICANT: Carter, Lauren
;; APPLICANT: McNeill, Patricia Dianne
;; APPLICANT: Corixa Corporation
;; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
;; TITLE OF INVENTION: Hematological Malignancies
;; FILE REFERENCE: 014058-014402US
;; CURRENT APPLICATION NUMBER: US/10/057,475B
;; CURRENT FILING DATE: 2002-01-22
;; PRIOR APPLICATION NUMBER: US 60/186,126
;; PRIOR FILING DATE: 2000-03-01
;; PRIOR APPLICATION NUMBER: US 60/190,479
;; PRIOR FILING DATE: 2000-03-17
;; PRIOR APPLICATION NUMBER: US 60/200,545
;; PRIOR FILING DATE: 2000-04-27
;; PRIOR APPLICATION NUMBER: US 60/200,303
;; PRIOR FILING DATE: 2000-04-28
;; PRIOR APPLICATION NUMBER: US 60/200,779
;; PRIOR FILING DATE: 2000-04-28
;; PRIOR APPLICATION NUMBER: US 60/200,999
;; PRIOR FILING DATE: 2000-05-01
;; PRIOR APPLICATION NUMBER: US 60/202,084
;; PRIOR FILING DATE: 2000-05-04
;; PRIOR APPLICATION NUMBER: US 60/206,201
;; PRIOR FILING DATE: 2000-05-22
;; PRIOR APPLICATION NUMBER: US 60/218,950
;; PRIOR FILING DATE: 2000-07-14
;; PRIOR APPLICATION NUMBER: US 60/222,903
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: US 60/222,903
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 10979
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 359
;; LENGTH: 463
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION: (1)...(463)
;; OTHER INFORMATION: n = g, a, c or t
;; US-10-057-475B-359
Query Match 17.6%; Score 30.8; DB 16; Length 463;
Best Local Similarity 53.3%; Pred. No. 1.1; 57; Indels 0; Gaps 0;
Matches 65; Conservative 0; Mismatches 57;

QY 1 AGTCAGAACTTGAGCTTTGATTTTACGAATGACATCTCTTAAGCACTCGCAAAAC 60
DB 265 AGTCCTTCACTTCTGTCTTCTGCTAACAGGTGTGCAATGAATTACCACTGGTAACC 324

QY 61 AGGAAGGCTCCACA C C T C T G G C A G C C A G G G C C T T C T C T T C A G C A T G A G A A G A C A A G G 120
 ||| - - - - - - - - - - - - - - -
Db 325 TTGAATGAGTTAATCAAA TTCAGGCCCATCGTCCACGCCACCAACAGTCAAAGSCCAAAG 384

QY	121	GA	122
Db	385	AA	386

RESULT 14

US-10-057-475B-4928
; Sequence 4928, Application US/10057475B
; Publication No. US20040002068A1
; GENERAL INFORMATION:

..

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; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Ai'jun
; APPLICANT: Ordóñez, Nadia
; APPLICANT: Carter, Lauren
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; TITLE OF INVENTION: Hematological Malignancies

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1 CURRENT APPLICATION NUMBER: US/10/057,475B
2 CURRENT FILING DATE: 2002-01-22
3 PRIOR APPLICATION NUMBER: US 60/186,126
4 PRIOR FILING DATE: 2000-03-01
5 PRIOR APPLICATION NUMBER: US 60/190,479
6 PRIOR FILING DATE: 2000-03-17
7 PRIOR APPLICATION NUMBER: US 60/200,545
8 PRIOR FILING DATE: 2000-04-27
9 PRIOR APPLICATION NUMBER: US 60/200,303
10 PRIOR FILING DATE: 2000-04-28
11 PRIOR APPLICATION NUMBER: US 60/200,779
12 PRIOR FILING DATE: 2000-04-28
13 PRIOR APPLICATION NUMBER: US 60/200,999
14 PRIOR FILING DATE: 2000-05-01
15 PRIOR APPLICATION NUMBER: US 60/202,084
16 PRIOR FILING DATE: 2000-05-04
17 PRIOR APPLICATION NUMBER: US 60/206,201
18 PRIOR FILING DATE: 2000-05-22
19 PRIOR APPLICATION NUMBER: US 60/218,950
20 PRIOR FILING DATE: 2000-07-14
21 PRIOR APPLICATION NUMBER: US 60/222,903
22 PRIOR FILING DATE: 2000-08-03
23 Remaining Prior Application data removed - See File Wrapper or PALM.
24 NUMBER OF SEQ ID NOS: 10979
25 SOFTWARE: FastSeq for Windows Version 3.0
26 SEQ ID NO 4928

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; LENGTH: 463
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(463)
; OTHER INFORMATION: n = g, a, c or t
US-10-057-475B-4928

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Query Match	17.6%;	Score 30.8;	DB 16;	Length 463;
Best Local Similarity	53.3%;	Pred. No. 1.1;		
Matches 65; Conservative	0;	Mismatches 57;	Indels 0;	Gaps 0;

QY 1 AGTCCAGAACTTGAGCTTTGATTTTCAGGAATGCACATCTCTTAAGCAGCTCGCAAAAC 60
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Db 265 AGTCCTTCAACTTCTGTCTTCTGCTAACAAGTGCAATAATGAAATTACCAACTGGGTAACC 324

QY 61 AGGAAGCTCCACACCCTGTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAACAAGG 120
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Db 325 TTGAATGAGTTAATCAAATTCCAGGCCATCGTCCACGCCACCAACAGTCAAAAGGCCAAGG 384

QY	121	GA	122
Db	385	AA	386

RESULT 15
US-10-154

RESULT 15

US-10-154-884B-359
; Sequence 359, Application US/10154884B
; Publication No. US20040005561A1
; GENERAL INFORMATION:

..

; APPLICANT: Gaiger, Alexander
 ; APPLICANT: Algate, Paul A.
 ; APPLICANT: Mannion, Jane
 ; APPLICANT: Retter, Marc W.
 ; APPLICANT: Corixa Corporation
 ; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
 ; TITLE OF INVENTION: Hematological Malignancies
 ; FILE REFERENCE: 014058-013521US
 ; CURRENT APPLICATION NUMBER: US/10/154,884B
 ;

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; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 11290
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 359

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; LENGTH: 463
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(463)
; OTHER INFORMATION: n = g, a, c or t
US-10-154-884B-359

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Query Match	17.6%;	Score 30.8;	DB 16;	Length 463;
Best Local Similarity	53.3%;	Pred. No. 1.1;		
Matches 65; Conservative	0;	Mismatches 57;	Indels 0;	Gaps 0;

QY 1 AGTCCAGGACTTGAGCTTTGTAATTTTCAGGAATGCACATCTCTTAAAGCACTGCCAAAAC 60
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Db 265 AGTCCCTTCAACTTCTGTCTTCTTGCTAACAGGTGTGCAAATGAATTACCACCTGGGTAACC 324

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QY      61  AGNAGGCTCCACACCTCTGGCAGGCCGAGGCCCTTCTCTTCAGCATGAGAAAGACAAGG  120
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Db      325  TTGAATGAGTTAATCAAAATTCAGGCCATCTTCCACGCCACCAACAGTCAAAGGCCAAG  384

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QY	121	GA	122
Db	385	AA	386

Search completed: May 9, 2004, 11:05:32
Job time : 85.7263 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 06:27:47 ; Search time 14.5763 Seconds
(without alignments)
6662.619 Million cell updates/sec

Title: US-10-010-408-1_COPY_1534_1708

Perfect score: 175

Sequence: 1 AGTCCAGGAAGTGTGAGCTTT.....GCCTAGAAATAACACCCCAA 175

Scoring table: OLIGO_NUC

Searched: 682709 seqs, 277475446 residues

Word size : 4 0

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 20000000000

Post-processing: Listing first 45 summaries

Database : Issued Patents NA:*

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4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	35	20.0	1734	4	US-09-182-145-17 Sequence 17, Appl
2	35	20.0	1734	4	US-09-182-145-18 Sequence 18, Appl
3	18	10.3	1134	4	US-09-328-352-384 Sequence 384, App
4	18	10.3	2104	3	US-09-313-930-1 Sequence 1, Appl
5	18	10.3	2104	4	US-09-023-655-1191 Sequence 1191, Ap
6	18	10.3	1230025	4	US-09-198-452A-1 Sequence 1, Appl
7	17	9.7	24	4	US-09-182-145-110 Sequence 110, App
8	17	9.7	742	2	US-08-966-316-2 Sequence 2, Appl
9	17	9.7	2998	4	US-09-081-385-4 Sequence 4, Appl
10	17	9.7	2998	4	US-09-081-385-149 Sequence 149, App
11	17	9.7	66804	4	US-09-740-041-3 Sequence 3, Appl
12	16	9.1	463	4	US-09-556-877-55 Sequence 55, Appl
13	16	9.1	463	4	US-09-556-877-58 Sequence 58, Appl
14	16	9.1	463	4	US-09-620-412C-55 Sequence 55, Appl
15	16	9.1	463	4	US-09-620-412C-58 Sequence 58, Appl
16	16	9.1	463	4	US-09-410-568-55 Sequence 55, Appl
17	16	9.1	463	4	US-09-410-568-58 Sequence 58, Appl
18	16	9.1	463	4	US-09-598-419-55 Sequence 55, Appl
19	16	9.1	463	4	US-09-598-419-58 Sequence 58, Appl
20	16	9.1	601	4	US-09-556-877-22 Sequence 22, Appl
21	16	9.1	601	4	US-09-288-594A-22 Sequence 22, Appl
22	16	9.1	601	4	US-09-620-412C-22 Sequence 22, Appl
23	16	9.1	601	4	US-09-410-568-22 Sequence 22, Appl
24	16	9.1	601	4	US-09-598-419-22 Sequence 22, Appl
25	16	9.1	696	4	US-09-556-877-25 Sequence 25, Appl
26	16	9.1	696	4	US-09-288-594A-25 Sequence 25, Appl
27	16	9.1	696	4	US-09-620-412C-25 Sequence 25, Appl

C	28	16	9.1	696	4	US-09-410-568-25	Sequence 25, Appl
C	29	16	9.1	696	4	US-09-598-419-25	Sequence 25, Appl
C	30	16	9.1	798	4	US-09-489-039A-430	Sequence 430, App
C	31	16	9.1	1083	4	US-09-252-991A-7413	Sequence 7413, Ap
C	32	16	9.1	1113	4	US-09-252-991A-7281	Sequence 7281, Ap
C	33	16	9.1	1256	4	US-09-556-877-21	Sequence 21, Appl
C	34	16	9.1	1256	4	US-09-288-594A-21	Sequence 21, Appl
C	35	16	9.1	1256	4	US-09-620-412C-21	Sequence 21, Appl
C	36	16	9.1	1256	4	US-09-410-568-21	Sequence 21, Appl
C	37	16	9.1	1256	4	US-09-598-419-21	Sequence 21, Appl
C	38	16	9.1	1737	4	US-09-252-991A-7335	Sequence 7335, Ap
C	39	16	9.1	2192	3	US-08-942-001-1	Sequence 1, Appl
C	40	16	9.1	2192	3	US-09-337-386-1	Sequence 1, Appl
C	41	16	9.1	2192	4	US-09-846-922-1	Sequence 1, Appl
C	42	16	9.1	2283	4	US-09-328-352-3167	Sequence 3167, Ap
C	43	16	9.1	3186	4	US-09-016-434-1390	Sequence 1390, Ap
C	44	16	9.1	7827	4	US-09-620-312D-104	Sequence 104, App
C	45	15	8.6	274	4	US-09-313-294A-1031	Sequence 1031, Ap

ALIGNMENTS

RESULT 1
US-09-182-145-17
; Sequence 17, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182, 145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063, 704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073, 612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081, 695
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-182-145-17

Query Match 20.0%; Score 35; DB 4; Length 1734;
Best local Similarity 100.0%; Pred. No. 3.4e-09;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 77 TCTGGCAGGCCAGGGCCTTCTCTTCAGCATGAGA 111
Db 1611 TCTGGCAGGCCAGGGCCTTCTCTTCAGCATGAGA 1645

RESULT 2
US-09-182-145-18/c
; Sequence 18, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.

```
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-182-145-18
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Query Match          20.0%; Score 35; DB 4; Length 1734;
Best Local Similarity 100.0%; Pred. No. 3.4e-09;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 3
US-09-328-352-384/c
; Sequence 384, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTC99-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 384
; LENGTH: 1134
; TYPE: DNA
; ORGANISM: Acinetobacter baumannii
; US-09-328-352-384
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Query Match          10.3%; Score 18; DB 4; Length 1134;
Best Local Similarity 100.0%; Pred. No. 3.5;
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QY 18 TTGTATTTCAGGATG 35
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Db 398 TTGTATTTCAGGATG 381
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RESULT 4
US-09-313-930-1/c
; Sequence 1, Application US/09313930
; Patent No. 6235723
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of Human Protein
; TITLE OF INVENTION: Kinase C-delta Expression
; FILE REFERENCE: ISPH-0357
; CURRENT APPLICATION NUMBER: US/09/313,930
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
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; LENGTH: 2104
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (59)..(2089)
; PUBLICATION INFORMATION:
; AUTHORS: Aris, J. P.
; AUTHORS: Basta, P. V.
; AUTHORS: Holmes, W. D.
; AUTHORS: Ballas, L. M.
; AUTHORS: Moomaw, C.
; AUTHORS: Rankl, N. B.
; AUTHORS: Blobel, G.
; AUTHORS: Loomis, C. R.
; AUTHORS: Burns, D. J.
; TITLE: Molecular and biochemical characterization of a
; TITLE: recombinant human PKC-delta family member
; JOURNAL: Biochim. Biophys. Acta
; VOLUME: 1174
; ISSUE: 2
; PAGES: 171-181
; DATE: 1993-08-19
; DATABASE ACCESSION NUMBER: L07860
; DATABASE ENTRY DATE: 1993-11-02
; US-09-313-930-1
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Query Match          10.3%; Score 18; DB 3; Length 2104;
Best Local Similarity 100.0%; Pred. No. 3.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 125 GCAGAGTACTCTCCTCTG 142
    |||||
Db 1185 GCAGAGTACTCTCCTCTG 1168
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RESULT 5
US-09-023-655-1191/c
; Sequence 1191, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
```

TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1191:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2104 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g189679
US-09-023-655-1191

Query Match 10.3%; Score 18; DB 4; Length 2104;
Best Local Similarity 100.0%; Pred. No. 3.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 125 GCAGAGTACTCTCTCTG 142
|||
Db 1185 GCAGAGTACTCTCTCTG 1168

RESULT 6
US-09-198-452A-1
; Sequence 1, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1
; LENGTH: 1230025
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(15000)
; OTHER INFORMATION: n=a or c or g or t
; NAME/KEY: misc_feature
; LOCATION: (15001)..(30000)
; OTHER INFORMATION: n=a or c or g or t
; NAME/KEY: misc_feature
; LOCATION: (30001)..(45000)
; OTHER INFORMATION: n=a or c or g or t
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; LOCATION: (45001)..(60000)
; OTHER INFORMATION: n=a or c or g or t
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; LOCATION: (75001)..(90000)
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LOCATION: (165001)..(180000)
; OTHER INFORMATION: n=a or c or g or t
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; OTHER INFORMATION: n=a or c or g or t
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; OTHER INFORMATION: n=a or c or g or t
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; LOCATION: (780001)..(795000)
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; OTHER INFORMATION: n=a or c or g or t
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; OTHER INFORMATION: n=a or c or g or t
; NAME/KEY: misc feature
; LOCATION: (855001)..(870000)
; OTHER INFORMATION: n=a or c or g or t
; NAME/KEY: misc feature
; LOCATION: (870001)..(885000)
; OTHER INFORMATION: n=a or c or g or t
; NAME/KEY: misc feature
; LOCATION: (885001)..(900000)
; OTHER INFORMATION: n=a or c or g or t
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; NAME/KEY: misc feature
; LOCATION: (900001)..(915000)
; OTHER INFORMATION: n=a or c or g or t
; NAME/KEY: misc feature
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Query Match 10.3%; Score 18; DB 4; Length 1230025;
Best Local Similarity 100.0%; Pred. No. 5.7;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 3 TCCAGGACTTGAGCTT 20
Db 651730 TCCAGGACTTGAGCTT 651747
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RESULT 7
US-09-182-145-110/c
; Sequence 110, Application US/09182145B
```

```
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 110
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-24
; OTHER INFORMATION: Sequence is synthesized.
; Patent No. 6387657
; US-09-182-145-110
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Query Match 9.7%; Score 17; DB 4; Length 24;
Best Local Similarity 100.0%; Pred. No. 9;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 77 TCTGGCAGGCCAGGCC 93
Db 17 TCTGGCAGGCCAGGCC 1
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RESULT 8
US-08-966-316-2/c
; Sequence 2, Application US/08966316
; Patent No. 5932445
; GENERAL INFORMATION:
; APPLICANT: Lal, Preeti
; APPLICANT: Au-Young, Janice
; APPLICANT: Reddy, Roopa
; APPLICANT: Murry, Lynn E.
; APPLICANT: Mathur, Preete
; TITLE OF INVENTION: SIGNAL PEPTIDE - CONTAINING PROTEINS
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
```


ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/966,316
FILING DATE: Herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0424 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 742 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: COLNFET02
CLONE: 1457779
US-08-966-316-2

Query Match 9.7%; Score 17; DB 2; Length 742;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 78 CTGCAGCCAGGGCCT 94
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Db 428 CTGCAGCCAGGGCCT 412

RESULT 9
US-09-081-385-4/c
Sequence 4, Application US/09081385
Patent No. 6593456
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/081,385
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 2998 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-09-081-385-4

Query Match 9.7%; Score 17; DB 4; Length 2998;
Best Local Similarity 100.0%; Pred. No. 13;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TCCAGGAAGCTTGAGCTT 19
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Db 1386 TCCAGGAAGCTTGAGCTT 1370

RESULT 10
US-09-081-385-149
Sequence 149, Application US/09081385
Patent No. 6593456
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/081,385
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 149:
SEQUENCE CHARACTERISTICS:

LENGTH: 2998 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
FEATURE:
NAME/KEY: Coding Sequence
LOCATION: 26...799
OTHER INFORMATION:
US-09-081-385-149

Query Match 9.7%; Score 17; DB 4; Length 2998;
Best Local Similarity 100.0%; Pred. No. 13;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TCCAGGAACTTGAGCTT 19
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Db 1613 TCCAGGAACTTGAGCTT 1629

RESULT 11
US-09-740-041-3
Sequence 3, Application US/09740041
Patent No. 6562593
GENERAL INFORMATION:
APPLICANT: MERKULOV, Karl et al
TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: CL001001
CURRENT APPLICATION NUMBER: US/09/740,041
CURRENT FILING DATE: 2000-12-20
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 66804
TYPE: DNA
ORGANISM: Human
US-09-740-041-3

Query Match 9.7%; Score 17; DB 4; Length 66804;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 137 CCTCTGAGAGCTAGTC 153
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Db 49564 CCTCTGAGAGCTAGTC 49580

RESULT 12
US-09-556-877-55/c
Sequence 55, Application US/09556877
Patent No. 6432916
GENERAL INFORMATION:
APPLICANT: Probst, Peter
APPLICANT: Bhatia, Ajay
APPLICANT: Skeiky, Yasir
APPLICANT: Fling, Steve
APPLICANT: Maisonneuve, Jeff
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF CHLAMYDIAL INFECTION
FILE REFERENCE: 210121.469C5
CURRENT APPLICATION NUMBER: US/09/556,877
CURRENT FILING DATE: 2000-04-19
NUMBER OF SEQ ID NOS: 305
SOFTWARE: FastSeq for Windows Version 3.0/4.0
SEQ ID NO 55
LENGTH: 463
TYPE: DNA
ORGANISM: Chlamydia trachomatis
US-09-556-877-55

Query Match 9.1%; Score 16; DB 4; Length 463;

Best Local Similarity 100.0%; Pred. No. 38;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 117 AAGGACAGCAGAGTA 132
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Db 412 AAGGACAGCAGAGTA 397

RESULT 13
US-09-556-877-58/c
Sequence 58, Application US/09556877
Patent No. 6432916
GENERAL INFORMATION:
APPLICANT: Probst, Peter
APPLICANT: Bhatia, Ajay
APPLICANT: Skeiky, Yasir
APPLICANT: Fling, Steve
APPLICANT: Maisonneuve, Jeff
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF CHLAMYDIAL INFECTION
FILE REFERENCE: 210121.469C5
CURRENT APPLICATION NUMBER: US/09/556,877
CURRENT FILING DATE: 2000-04-19
NUMBER OF SEQ ID NOS: 305
SOFTWARE: FastSeq for Windows Version 3.0/4.0
SEQ ID NO 58
LENGTH: 463
TYPE: DNA
ORGANISM: Chlamydia trachomatis
US-09-556-877-58

Query Match 9.1%; Score 16; DB 4; Length 463;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 117 AAGGACAGCAGAGTA 132
|||
Db 412 AAGGACAGCAGAGTA 397

RESULT 14
US-09-620-412C-55/c
Sequence 55, Application US/09620412C
Patent No. 6448234
GENERAL INFORMATION:
APPLICANT: Steven P. Fling
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF CHLAMYDIAL INFECTION
FILE REFERENCE: 210121.469C7
CURRENT APPLICATION NUMBER: US/09/620,412C
CURRENT FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 363
SOFTWARE: FastSeq for Windows Version 3.0/4.0
SEQ ID NO 55
LENGTH: 463
TYPE: DNA
ORGANISM: Chlamydia trachomatis
US-09-620-412C-55

Query Match 9.1%; Score 16; DB 4; Length 463;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 117 AAGGACAGCAGAGTA 132
|||
Db 412 AAGGACAGCAGAGTA 397

RESULT 15
US-09-620-412C-58/c
Sequence 58, Application US/09620412C
Patent No. 6448234
GENERAL INFORMATION:

; APPLICANT: Steven P. Fling
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF CHLAMYDIAL INFECTION
; FILE REFERENCE: 210121.469C7
; CURRENT APPLICATION NUMBER: US/09/620,412C
; CURRENT FILING DATE: 2000-07-20
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 3.0/4.0
; SEQ ID NO 58
; LENGTH: 463
; TYPE: DNA
; ORGANISM: Chlamydia trachomatis
US-09-620-412C-58

Query Match 9.1%; Score 16; DB 4; Length 463;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 117 AAAGGACAGCAGAGTA 132
Db 412 AAAGGACAGCAGAGTA 397

Search completed: May 9, 2004, 11:11:21
Job time : 17.5763 secs

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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 10:34:42 ; Search time 77.7263 Seconds
(without alignment)
10199.232 Million cell updates/sec

Title: US-10-010-408-1_COPY_1534_1708
Perfect score: 175
Sequence: 1 AGTCCAGGAAGCTTGAGCTTT.....GCCTAGATAAACACCCAAA 175

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Gapop 60.0 , Gapext 60.0

Searched: 2941586 seqs, 2264995651 residues

Word size : 0

Total number of hits satisfying chosen parameters: 5883172

Minimum DB seq length: 0
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Post-processing: Listing first 45 summaries

Database :

Published Applications NA:*

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3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
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5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
9: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
10: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
13: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
14: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
15: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
17: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	175	100.0	1708	14 US-10-010-408-1	Sequence 1, Appli
2	121	69.1	439	10 US-09-956-622A-23	Sequence 23, Appl
3	54	30.9	65	10 US-09-908-975-2937	Sequence 2937, Ap
4	35	20.0	1734	15 US-10-112-267-17	Sequence 17, Appl
5	35	20.0	1734	15 US-10-112-267-18	Sequence 18, Appl
6	19	10.9	63294	12 US-09-997-722-205	Sequence 205, App
7	18	10.3	1027	13 US-10-282-122A-37418	Sequence 37418, A
8	18	10.3	1668	16 US-10-369-435-29	Sequence 29, Appl
9	18	10.3	1671	9 US-09-841-132-378	Sequence 378, Appl
10	18	10.3	1671	16 US-10-312-273-48	Sequence 48, Appl
11	18	10.3	1760	13 US-10-424-599-72220	Sequence 72220, A
12	18	10.3	2104	16 US-10-116-275-293	Sequence 293, App
13	18	10.3	2104	17 US-10-641-643-1191	Sequence 1191, Ap
14	18	10.3	2574	13 US-10-282-122A-39628	Sequence 39628, A

15	18	10.3	2586	9 US-09-915-242-9990	Sequence 9990, Ap
16	18	10.3	3073	13 US-10-027-632-114289	Sequence 114289,
17	18	10.3	3073	13 US-10-027-632-114290	Sequence 114290,
18	18	10.3	3073	16 US-10-027-632-114289	Sequence 114289,
19	18	10.3	3073	16 US-10-027-632-114290	Sequence 114290,
20	18	10.3	166043	13 US-10-235-192A-46	Sequence 46, Appl
21	18	10.3	1230025	16 US-10-289-762-1	Sequence 1, Appli
22	18	10.3	3186778	13 US-10-027-632-174961	Sequence 174961,
23	18	10.3	3186778	16 US-10-027-632-174961	Sequence 174961,
24	17	9.7	24	15 US-10-112-267-110	Sequence 110, App
25	17	9.7	141	9 US-09-783-590-7073	Sequence 7073, Ap
26	17	9.7	237	13 US-10-085-783A-44857	Sequence 44857, A
27	17	9.7	237	16 US-10-242-535A-44857	Sequence 44857, A
28	17	9.7	422	13 US-10-424-599-130531	Sequence 130531,
29	17	9.7	451	10 US-09-918-995-12392	Sequence 12392, A
30	17	9.7	627	13 US-10-027-632-204519	Sequence 204519,
31	17	9.7	627	13 US-10-027-632-204520	Sequence 204520,
32	17	9.7	627	13 US-10-027-632-204521	Sequence 204521,
33	17	9.7	627	16 US-10-027-632-204519	Sequence 204519,
34	17	9.7	627	16 US-10-027-632-204520	Sequence 204520,
35	17	9.7	627	16 US-10-027-632-204521	Sequence 204521,
36	17	9.7	738	13 US-10-027-632-32541	Sequence 32541, A
37	17	9.7	738	16 US-10-027-632-32541	Sequence 32541, A
38	17	9.7	742	10 US-09-968-433-2	Sequence 2, Appli
39	17	9.7	774	13 US-10-027-632-114990	Sequence 114990,
40	17	9.7	774	13 US-10-027-632-114991	Sequence 114991,
41	17	9.7	774	16 US-10-027-632-114990	Sequence 114990,
42	17	9.7	774	16 US-10-027-632-114991	Sequence 114991,
43	17	9.7	846	16 US-10-260-238-3555	Sequence 3555, Ap
44	17	9.7	890	16 US-10-260-238-3558	Sequence 3558, Ap
45	17	9.7	940	13 US-10-027-632-261119	Sequence 261119,

ALIGNMENTS

RESULT 1

US-10-010-408-1

Sequence 1, Application US/10010408

Publication No. US20020165185A1

GENERAL INFORMATION:

APPLICANT: John J. Castellot, Jr.

TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules and Uses Therefor

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/010,408

FILING DATE: 07-Dec-2001

CLASSIFICATION: <unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/044,273

FILING DATE: March 19, 1998

APPLICATION NUMBER: <unknown>

FILING DATE: <unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amy E. Mandragouras

REGISTRATION NUMBER: 36,207

REFERENCE/DOCKET NUMBER: MBI-004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400

TELEFAX: (617)742-4214


```

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 1708 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: cDNA
;   FEATURE:
;     NAME/KEY: CDS
;     LOCATION: 249..1001
;   SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-010-408-1
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Query Match      100.0%; Score 175; DB 14; Length 1708;
Best Local Similarity 100.0%; Pred. No. 9.1e-84;
Matches 175; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTCCAGGAAGTGTGAGCTTTGTATTTTTCAGGAATGCACATCTCTTAAGCACTGCGCAAAAC 60
        |||||||
Db       1534 AGTCCAGGAAGTGTGAGCTTTGTATTTTTCAGGAATGCACATCTCTTAAGCACTGCGCAAAAC 1593

QY      61 AGGAAGGCTCCACACCTCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAAAGACAAGG 120
        |||||||
Db       1594 AGGAAGGCTCCACACCTCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAAAGACAAGG 1653

QY      121 GACAGCAGAGTACTCTCTCTGAGAGGACTAGTCTAGCCTAGAAATAACACCCCAA 175
        |||||||
Db       1654 GACAGCAGAGTACTCTCTCTGAGAGGACTAGTCTAGCCTAGAAATAACACCCCAA 1708
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RESULT 2

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US-09-956-622A-23
; Sequence 23, Application US/09956622A
; Publication No. US20030091973A1
; GENERAL INFORMATION:
;   APPLICANT: Horeosovsky, Gregory J
;   APPLICANT: No. US20030091973A1 I, L. Staton
;   APPLICANT: Raha, Debashish
;   TITLE OF INVENTION: Method of Identifying Osteoregenerative Agents Using
;   TITLE OF INVENTION: Differential Gene Expression
;   FILE REFERENCE: 21402-445
;   CURRENT APPLICATION NUMBER: US/09/956,622A
;   PRIOR FILING DATE: 2001-09-19
;   PRIOR APPLICATION NUMBER: 60/233,579
;   PRIOR FILING DATE: 2000-09-19
;   NUMBER OF SEQ ID NOS: 53
;   SOFTWARE: PatentIn Ver. 2.1
;   SEQ ID NO 23
;   LENGTH: 439
;   TYPE: DNA
;   ORGANISM: Rattus norvegicus
US-09-956-622A-23
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Query Match      69.1%; Score 121; DB 10; Length 439;
Best Local Similarity 100.0%; Pred. No. 9.5e-55;
Matches 121; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTCCAGGAAGTGTGAGCTTTGTATTTTTCAGGAATGCACATCTCTTAAGCACTGCGCAAAAC 60
        |||||||
Db       285 AGTCCAGGAAGTGTGAGCTTTGTATTTTTCAGGAATGCACATCTCTTAAGCACTGCGCAAAAC 344

QY      61 AGGAAGGCTCCACACCTCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAAAGACAAGG 120
        |||||||
Db       345 AGGAAGGCTCCACACCTCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGAAAGACAAGG 404

QY      121 G 121
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Db       405 G 405
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RESULT 3
US-09-908-975-2937
; Sequence 2937, Application US/09908975
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; Publication No. US20030165843A1
; GENERAL INFORMATION:
;   APPLICANT: SHOSHAN, Avi
;   APPLICANT: WASSERMAN, Alon
;   APPLICANT: MINTZ, Eli
;   APPLICANT: MINTZ, Liat
;   APPLICANT: FAIGLER, Simchon
;   TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
;   TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
;   FILE REFERENCE: 36688-0005
;   CURRENT APPLICATION NUMBER: US/09/908,975
;   CURRENT FILING DATE: 2001-07-20
;   PRIOR FILING DATE: 2001-05-02
;   PRIOR APPLICATION NUMBER: US 60/287,724
;   PRIOR FILING DATE: 2000-07-28
;   PRIOR APPLICATION NUMBER: US 60/221,607
;   NUMBER OF SEQ ID NOS: 32337
;   SOFTWARE: PatentIn version 3.0
;   SEQ ID NO 2937
;   LENGTH: 65
;   TYPE: DNA
;   ORGANISM: Rattus norvegicus
US-09-908-975-2937
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Query Match      30.9%; Score 54; DB 10; Length 65;
Best Local Similarity 100.0%; Pred. No. 9.9e-19;
Matches 54; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      26 TTCAGGATGCACATCTCTTAAGCACTCGCAAAACAGGAAGGCTCCACACCTCT 79
        |||||||
Db       1 TTCAGGATGCACATCTCTTAAGCACTCGCAAAACAGGAAGGCTCCACACCTCT 54
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RESULT 4

```

US-10-112-267-17
; Sequence 17, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
;   APPLICANT: Botstein, David A.
;   APPLICANT: Cohen, Robert
;   APPLICANT: Goddard, Audrey
;   APPLICANT: Gurney, Austin L.
;   APPLICANT: Hillan, Kenneth J.
;   APPLICANT: Lawrence, David A.
;   APPLICANT: Levine, Arnold J.
;   APPLICANT: Pennica, Diane
;   APPLICANT: Roy, Margaret Ann
;   APPLICANT: Wood, William I.
;   TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
;   FILE REFERENCE: P1176R2
;   CURRENT APPLICATION NUMBER: US/10/112,267
;   CURRENT FILING DATE: 2002-03-27
;   PRIOR FILING DATE: 1998-10-29
;   PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
;   PRIOR FILING DATE: 1998-10-29
;   PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
;   PRIOR FILING DATE: 1997-10-29
;   PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
;   PRIOR FILING DATE: 1998-02-04
;   PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
;   PRIOR FILING DATE: 1998-04-14
;   NUMBER OF SEQ ID NOS: 156
;   SEQ ID NO 17
;   LENGTH: 1734
;   TYPE: DNA
;   ORGANISM: Mus musculus
US-10-112-267-17
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Query Match      20.0%; Score 35; DB 15; Length 1734;
Best Local Similarity 100.0%; Pred. No. 1.3e-08;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      77 TCTGGCAGGCCAGGCGCTTCTCTTCAGCATGAGA 111
        |||||||
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Db 1611 TCTGGCAGCCAGGCGCTTCTCTTCAGCATGAGA 1645

RESULT 5

US-10-112-267-18/c

Sequence 18, Application US/10112267

Publication No. US20030068678A1

GENERAL INFORMATION:

APPLICANT: Botstein, David A.

APPLICANT: Cohen, Robert

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Lawrence, David A.

APPLICANT: Levine, Arnold J.

APPLICANT: Pennica, Diane

APPLICANT: Roy, Margaret Ann

APPLICANT: Wood, William I.

TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME

FILE REFERENCE: P1176R2

CURRENT APPLICATION NUMBER: US/10/112,267

CURRENT FILING DATE: 2002-03-27

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B

PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704

PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612

PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14

NUMBER OF SEQ ID NOS: 156

SEQ ID NO 18

LENGTH: 1734

TYPE: DNA

ORGANISM: Mus musculus

US-10-112-267-18

Query Match 20.0%; Score 35; DB 15; Length 1734;

Best Local Similarity 100.0%; Pred. No. 1.3e-08;

Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 77 TCTGGCAGCCAGGCGCTTCTCTTCAGCATGAGA 111

Db 124 TCTGGCAGCCAGGCGCTTCTCTTCAGCATGAGA 90

RESULT 6

US-09-997-722-205/c

Sequence 205, Application US/09997722

Publication No. US20040072154A1

GENERAL INFORMATION:

APPLICANT: Morris, David

APPLICANT: Engelhard, Eric

TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER

FILE REFERENCE: A-71171/RMS/DCF

CURRENT APPLICATION NUMBER: US/09/997,722

CURRENT FILING DATE: 2001-11-30

PRIOR APPLICATION NUMBER: US 09/747,377

PRIOR FILING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: US 09/798,586

PRIOR FILING DATE: 2001-03-02

NUMBER OF SEQ ID NOS: 301

SOFTWARE: PatentIn version 3.1

SEQ ID NO 205

LENGTH: 63294

TYPE: DNA

ORGANISM: Mus musculus

FEATURE:

NAME/KEY: misc_feature

LOCATION: (3478)..(3794)

OTHER INFORMATION: "n" at positions 3478 through 3794 can be any base.

FEATURE:

NAME/KEY: misc_feature

LOCATION: (7386)..(7433)

OTHER INFORMATION: "n" at positions 7386 through 7433 can be any base.

FEATURE:

NAME/KEY: misc_feature

LOCATION: (9273)..(9758)

OTHER INFORMATION: "n" at positions 9273 through 9758 can be any base.

FEATURE:

NAME/KEY: misc_feature

LOCATION: (11328)..(11347)

OTHER INFORMATION: "n" at positions 11328 through 11347 can be any base.

FEATURE:

NAME/KEY: misc_feature

LOCATION: (17356)..(17375)

OTHER INFORMATION: "n" at positions 17356 through 17375 can be any base.

FEATURE:

NAME/KEY: misc_feature

LOCATION: (21543)..(21986)

OTHER INFORMATION: "n" at positions 21543 through 21986 can be any base.

FEATURE:

NAME/KEY: misc_feature

LOCATION: (30816)..(30835)

OTHER INFORMATION: "n" at positions 30816 through 30835 can be any base.

FEATURE:

NAME/KEY: misc_feature

LOCATION: (49223)..(49242)

OTHER INFORMATION: "n" at positions 49223 through 49242 can be any base.

FEATURE:

NAME/KEY: misc_feature

LOCATION: (61489)..(62638)

OTHER INFORMATION: "n" at positions 61489 through 62638 can be any base.

US-09-997-722-205

Query Match 10.9%; Score 19; DB 12; Length 63294;

Best Local Similarity 100.0%; Pred. No. 4.1;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 107 TGAGAAAGACAGGAGACAG 125

Db 23363 TGAGAAAGACAGGAGACAG 23345

RESULT 7

US-10-282-122A-37418

Sequence 37418, Application US/10282122A

Publication No. US20040029129A1

GENERAL INFORMATION:

APPLICANT: Wang, Liangsu

APPLICANT: Zamudio, Carlos

APPLICANT: Malone, Cheryl

APPLICANT: Haselbeck, Robert

APPLICANT: Ohlsen, Karl

APPLICANT: Zyskind, Judith

APPLICANT: Wall, Daniel

APPLICANT: Trawick, John

APPLICANT: Carr, Grant

APPLICANT: Yamamoto, Robert

APPLICANT: Forsyth, R.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms

FILE REFERENCE: ELITRA_034A

CURRENT APPLICATION NUMBER: US/10/282,122A

CURRENT FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: 60/206,848

PRIOR FILING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/230,335

PRIOR FILING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: 60/230,347

PRIOR FILING DATE: 2000-09-09

PRIOR APPLICATION NUMBER: 60/242,578

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; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 37418
; LENGTH: 1027
; TYPE: DNA
; ORGANISM: Salmonella paratyphi A
US-10-282-122A-37418
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Query Match      10.3%; Score 18; DB 13; Length 1027;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      51 CTCGCAAAACAGGAAGC 68
      |||||
Db      138 CTCGCAAAACAGGAAGC 155
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RESULT 8

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US-10-369-435-29/c
; Sequence 29, Application US/10369435
; Publication No. US20040002440A1
; GENERAL INFORMATION:
; APPLICANT: Mathews, Sarah
; TITLE OF INVENTION: No. US20040002440A1 Diagnostic Agents and Uses Therefor
; FILE REFERENCE: 10338-15US (2615070/VP)
; CURRENT APPLICATION NUMBER: US/10/369,435
; PRIOR FILING DATE: 2003-02-19
; PRIOR APPLICATION NUMBER: AU P09540/00
; PRIOR FILING DATE: 2000-08-18
; PRIOR APPLICATION NUMBER: PCT/AU01/01021
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
; LENGTH: 1668
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1668)
US-10-369-435-29
```

```
Query Match      10.3%; Score 18; DB 16; Length 1668;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      3 TCCAGGAAGCTTGAGCTTT 20
      |||||
Db      1227 TCCAGGAAGCTTGAGCTTT 1210
```

RESULT 9

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US-09-841-132-378/c
; Sequence 378, Application US/09841132
; Patent No. US20020061848A1
; GENERAL INFORMATION:
; APPLICANT: Bhatia, Ajay
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Probst, Peter
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF CHLAMYDIAL INFECTION
; FILE REFERENCE: 210121.469C8
```

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; CURRENT APPLICATION NUMBER: US/09/841,132
; CURRENT FILING DATE: 2001-04-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 3.0/4.0
; SEQ ID NO 378
; LENGTH: 1671
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-841-132-378
```

```
Query Match      10.3%; Score 18; DB 9; Length 1671;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      3 TCCAGGAAGCTTGAGCTTT 20
      |||||
Db      1227 TCCAGGAAGCTTGAGCTTT 1210
```

RESULT 10

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US-10-312-273-48/c
; Sequence 48, Application US/10312273
; Publication No. US20040005667A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SPA
; TITLE OF INVENTION: IMMUNISATION AGAINST CHLAMYDIA PNEUMONIAE
; FILE REFERENCE: P025035WO
; CURRENT APPLICATION NUMBER: US/10/312,273
; CURRENT FILING DATE: 2002-12-20
; PRIOR APPLICATION NUMBER: 0016363.4
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: 0017047.2
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 0017983.8
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 0019368.0
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: 0020440.4
; PRIOR FILING DATE: 2000-08-18
; PRIOR APPLICATION NUMBER: 0022583.9
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 0027549.5
; PRIOR FILING DATE: 2000-11-10
; PRIOR APPLICATION NUMBER: 0031706.5
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 664
; SOFTWARE: SeqWin99, version 1.02
; SEQ ID NO 48
; LENGTH: 1671
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-312-273-48
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Query Match      10.3%; Score 18; DB 16; Length 1671;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      3 TCCAGGAAGCTTGAGCTTT 20
      |||||
Db      1227 TCCAGGAAGCTTGAGCTTT 1210
```

RESULT 11

```
US-10-424-599-72220
; Sequence 72220, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
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; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 72220
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_36226C.1
US-10-424-599-72220

Query Match      10.3%; Score 18; DB 13; Length 1760;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      90 GGCCTTCTCTTCAGCAT 107
      |||||
Db      1381 GGCCTTCTCTTCAGCAT 1398

RESULT 12
US-10-116-275-293/c
; Sequence 293, Application US/10116275
; Publication No. US20030211476A1
; GENERAL INFORMATION:
; APPLICANT: Elan Pharmaceutical Technology
; APPLICANT: O'Mahony, Daniel J.
; APPLICANT: Brayden, David
; APPLICANT: Byrne, Daragh
; APPLICANT: Lambkin, Imelda
; APPLICANT: Higgins, Lisa
; TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and
; TITLE OF INVENTION: Compositions Targeting Peyer's Patches and M Cell Receptors
; FILE REFERENCE: E1067/20087
; CURRENT APPLICATION NUMBER: US/10/116,275
; CURRENT FILING DATE: 2002-10-04
; NUMBER OF SEQ ID NOS: 349
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 293
; LENGTH: 2104
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-116-275-293

Query Match      10.3%; Score 18; DB 16; Length 2104;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      125 GCAGAGTACTCTCCTCTG 142
      |||||
Db      1185 GCAGAGTACTCTCCTCTG 1168

RESULT 13
US-10-641-643-1191/c
; Sequence 1191, Application US/10641643
; Publication No. US20040077003A1
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Selhammer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
; TITLE OF INVENTION: GENE EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/641,643
; FILING DATE: 14-Aug-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1191:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2104 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g189679
; SEQUENCE DESCRIPTION: SEQ ID NO: 1191 :
US-10-641-643-1191

Query Match      10.3%; Score 18; DB 17; Length 2104;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      125 GCAGAGTACTCTCCTCTG 142
      |||||
Db      1185 GCAGAGTACTCTCCTCTG 1168

RESULT 14
US-10-282-122A-39628
; Sequence 39628, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Karl
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
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; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39628
; LENGTH: 2574
; TYPE: DNA
; ORGANISM: Salmonella typhi
; US-10-282-122A-39628

Query Match 10.3%; Score 18; DB 13; Length 2574;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 51 CTCGCAAAACAGGAAGC 68
|||
Db 796 CTCGCAAAACAGGAAGC 813

RESULT 15

US-09-815-242-9990
; Sequence 9990, Application US/09815242
; Patent No. US20020061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari L.
; APPLICANT: Zyskind, Judith W.
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9990
; LENGTH: 2586
; TYPE: DNA
; ORGANISM: Salmonella typhi
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(2586)
; NAME/KEY: misc_feature
; LOCATION: (1)...(2586)
; OTHER INFORMATION: n = A,T,C or G
US-09-815-242-9990

Query Match 10.3%; Score 18; DB 9; Length 2586;
Best Local Similarity 100.0%; Pred. No. 17;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 51 CTCGCAAAACAGGAAGC 68
|||
Db 808 CTCGCAAAACAGGAAGC 825

Search completed: May 9, 2004, 15:44:05
Job time : 85.7263 secs

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OM protein - protein search, using sw model

Run on: May 6, 2004, 13:21:33 ; Search time 23 Seconds
(without alignments)
561.152 Million cell updates/sec

Title: US-10-010-408-2
Perfect score: 1440
Sequence: 1 MRGSPLIHLATSFLCLISM.....LCIPRPCLAAARSHSSWNSAF 250

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 389414 segs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1308.5	90.9	251	4	US-09-182-145-20 Sequence 20, Appl
2	1303.5	90.5	250	4	US-09-182-145-78 Sequence 78, Appl
3	1298.5	90.2	249	4	US-09-182-145-79 Sequence 79, Appl
4	1292.5	89.8	248	4	US-09-182-145-80 Sequence 80, Appl
5	1291.5	89.7	247	4	US-09-182-145-81 Sequence 81, Appl
6	1284.5	89.2	246	4	US-09-182-145-82 Sequence 82, Appl
7	1280.5	88.9	245	4	US-09-182-145-83 Sequence 83, Appl
8	1276.5	88.6	244	4	US-09-182-145-84 Sequence 84, Appl
9	1268.5	88.1	243	4	US-09-182-145-85 Sequence 85, Appl
10	1264.5	87.8	242	4	US-09-182-145-86 Sequence 86, Appl
11	1260.5	87.5	241	4	US-09-182-145-87 Sequence 87, Appl
12	1257.5	87.3	239	4	US-09-182-145-89 Sequence 89, Appl
13	1257.5	87.3	240	4	US-09-182-145-88 Sequence 88, Appl
14	1253.5	87.0	238	4	US-09-182-145-90 Sequence 90, Appl
15	1247.5	86.6	237	4	US-09-182-145-91 Sequence 91, Appl
16	1243.5	86.4	236	4	US-09-182-145-92 Sequence 92, Appl
17	1234.5	85.7	235	4	US-09-182-145-93 Sequence 93, Appl
18	1232.5	85.6	234	4	US-09-182-145-94 Sequence 94, Appl
19	1228.5	85.3	233	4	US-09-182-145-95 Sequence 95, Appl
20	1224.5	85.0	232	4	US-09-182-145-96 Sequence 96, Appl
21	1219.5	84.7	231	4	US-09-182-145-97 Sequence 97, Appl
22	1217.5	84.5	229	4	US-09-182-145-99 Sequence 99, Appl
23	1217.5	84.5	230	4	US-09-182-145-98 Sequence 98, Appl
24	1216.5	84.5	228	4	US-09-182-145-19 Sequence 19, Appl
25	1064	73.9	250	4	US-09-182-145-16 Sequence 16, Appl
26	1059	73.5	249	4	US-09-182-145-56 Sequence 56, Appl
27	1054	73.2	248	4	US-09-182-145-57 Sequence 57, Appl

28	1048	72.8	247	4	US-09-182-145-58 Sequence 58, Appl
29	1047	72.7	246	4	US-09-182-145-59 Sequence 59, Appl
30	1043	72.4	243	4	US-09-182-145-62 Sequence 62, Appl
31	1043	72.4	244	4	US-09-182-145-61 Sequence 61, Appl
32	1043	72.4	245	4	US-09-182-145-60 Sequence 60, Appl
33	1035	71.9	242	4	US-09-182-145-63 Sequence 63, Appl
34	1031	71.6	241	4	US-09-182-145-64 Sequence 64, Appl
35	1027	71.3	240	4	US-09-182-145-65 Sequence 65, Appl
36	1025	71.2	238	4	US-09-182-145-67 Sequence 67, Appl
37	1025	71.2	239	4	US-09-182-145-66 Sequence 66, Appl
38	1021	70.9	236	4	US-09-182-145-69 Sequence 69, Appl
39	1021	70.9	237	4	US-09-182-145-68 Sequence 68, Appl
40	1017	70.6	235	4	US-09-182-145-70 Sequence 70, Appl
41	1008	70.0	234	4	US-09-182-145-71 Sequence 71, Appl
42	1004	69.7	233	4	US-09-182-145-72 Sequence 72, Appl
43	1000	69.4	232	4	US-09-182-145-73 Sequence 73, Appl
44	997	69.2	230	4	US-09-182-145-75 Sequence 75, Appl
45	997	69.2	231	4	US-09-182-145-74 Sequence 74, Appl

ALIGNMENTS

RESULT 1
US-09-182-145-20
; Sequence 20, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; EARLIER APPLICATION NUMBER: 1998-10-29
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 20
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-182-145-20

Query Match 90.9%; Score 1308.5; DB 4; Length 251;
Best Local Similarity 90.0%; Pred. No. 1.2e-105;
Matches 226; Conservative 9; Mismatches 15; Indels 1; Gaps 1;

QY	1	MRGSPLIHLATSFLCLISWCAQLCRTPCTCPMTTPQCPQGVPLVLDGCGCCYCARL	60
DB	1	MRGNPLIHLAISFLCLISWYSQLCPAPCACPTTPQCPGVPLVLDGCGCCYCARL	60
QY	61	GESCDHLVCDPSQGLVCPGAGPGHGVCLLDEDDGSCVENGRRLDGETFKNCRVL	120
DB	61	GESCDHLVCDPSQGLVCPGAGPGHGVCLLDEDDGSCVENGRRLDGETFKNCRVL	120
QY	121	CRDDGGFTCLPLCSRDVRLPSWDCPRPKRIQVPKCCPEWVCDQGV-TPAIQSTAGH	179
DB	121	CRDDGGFTCLPLCSRDVRLPSWDCPRPKRIQVPKCCPEWVCDQAVMQPAIQSSAGH	180
QY	180	QLSALVTPASADAPCPMNSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRCIA	239

Db 181 QLSALVTPASADGPCPNWSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLAA 240
QY 240 ARSHSWSNSAF 250
Db 241 SRSHGSWSNSAF 251

RESULT 2
US-09-182-145-78
; Sequence 78, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 78
; LENGTH: 250
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-182-145-78

Query Match 90.5%; Score 1303.5; DB 4; Length 250;
Best Local Similarity 90.0%; Pred. No. 3.3e-105;
Matches 225; Conservative 9; Mismatches 15; Indels 1; Gaps 1;
QY 2 RGSPLIHLATSFLLCLSMVCAQLCRTPCTCPWTTPQCPQGVPLVLDGCGCKVCARLIG 61
Db 1 RGNPLIHLAISFLCILSMVYSQLCPAPCACPWTTPQCPGVPLVLDGCGCCRCVCARLIG 60
QY 62 ESCDHLVCDPSQGLVCPGAGPGGHGAVCLLDEDDGSCENVNGRRYLDGETFKPNCRVLC 121
Db 61 ESCDHLVCDPSQGLVCPGAGPGSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLC 120
QY 122 RCDDGGFTCLPLCSEDEVRLPSWDCPRPKRIQVPKCCPEWVCDQGV-TPAIQSTAGHQ 180
Db 121 RCDDGGFTCLPLCSEDEVRLPSWDCPRPKRIQVPKCCPEWVCDQAVMQPAIQSSAQGHQ 180
QY 181 LSALVTPASADAPCPNWSAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLAA 240
Db 181 LSALVTPASADGPCPNWSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLAS 240
QY 241 RSHSWSNSAF 250
Db 241 SRSHGSWSNSAF 250

RESULT 3
US-09-182-145-79
; Sequence 79, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 79
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-182-145-79

Query Match 90.2%; Score 1298.5; DB 4; Length 249;
Best Local Similarity 90.0%; Pred. No. 8.8e-105;
Matches 224; Conservative 9; Mismatches 15; Indels 1; Gaps 1;
QY 3 GSPLIHLATSFLLCLSMVCAQLCRTPCTCPWTTPQCPQGVPLVLDGCGCKVCARLIG 62
Db 1 GNPILHLAISFLCILSMVYSQLCPAPCACPWTTPQCPGVPLVLDGCGCCRCVCARLIG 60
QY 63 SCDHLVCDPSQGLVCPGAGPGGHGAVCLLDEDDGSCENVNGRRYLDGETFKPNCRVLCR 122
Db 61 SCDHLVCDPSQGLVCPGAGPGSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCR 120
QY 123 CDDGGFTCLPLCSEDEVRLPSWDCPRPKRIQVPKCCPEWVCDQGV-TPAIQSTAGHQ 181
Db 121 CDDGGFTCLPLCSEDEVRLPSWDCPRPKRIQVPKCCPEWVCDQAVMQPAIQSSAQGHQ 180
QY 182 SALVTPASADAPCPNWSAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLAA 241
Db 181 SALVTPASADGPCPNWSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLAS 240
QY 242 SHSWSNSAF 250
Db 241 SRSHGSWSNSAF 249

RESULT 4
US-09-182-145-80
; Sequence 80, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14


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RESULT 7
US-09-182-145-83
; Sequence 83, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 83
; LENGTH: 245
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-182-145-83

Query Match
Best Local Similarity 88.9%; Score 1280.5; DB 4; Length 245;
Matches 221; Conservative 8; Mismatches 15; Indels 1; Gaps 1;

QY 7 IHLATSFCLISWVCAQLCRTPTCPWTTPQCPQGVPLVLDGCGCKVCARRLGESCDH 66
Db 1 IHLAISFLCLISWVYSQLCPAPCACPTTPQCPGVPVLVDGCGCCRVCARLGESCDH 60

QY 67 LHVCDPSQGLVQCPGAGPGHGAVALDDEDDGSCENVGRRYLDGETFKPNCRVLCRCDG 126
Db 61 LHVCDPSQGLVQCPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCRCDG 120

QY 127 GFTCLPLCSEDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQSTAGHQLSALT 185
Db 121 GFTCLPLCSEDEVRLPSWDCPRPRRIQVPGRCCEPWVCDQAVMQPAIQSSAQGHQLSALT 180

QY 186 TPASADAPCPNWSWTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRPCLARSHSS 245
Db 181 TPASADGCPNWSWTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLASRSHGS 240

QY 246 WNSAF 250
Db 241 WNSAF 245

RESULT 8
US-09-182-145-84
; Sequence 84, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
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; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 84
; LENGTH: 244
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-182-145-84

Query Match
Best Local Similarity 88.6%; Score 1276.5; DB 4; Length 244;
Matches 220; Conservative 8; Mismatches 15; Indels 1; Gaps 1;

QY 8 IHLATSFCLISWVCAQLCRTPTCPWTTPQCPQGVPLVLDGCGCKVCARRLGESCDH 67
Db 1 IHLAISFLCLISWVYSQLCPAPCACPTTPQCPGVPVLVDGCGCCRVCARLGESCDH 60

QY 68 HVCDDPSQGLVQCPGAGPGHGAVALDDEDDGSCENVGRRYLDGETFKPNCRVLCRCDG 127
Db 61 HVCDDPSQGLVQCPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCRCDG 120

QY 128 FTCLPLCSEDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQSTAGHQLSALT 186
Db 121 FTCLPLCSEDEVRLPSWDCPRPRRIQVPGRCCEPWVCDQAVMQPAIQSSAQGHQLSALT 180

QY 187 PASADAPCPNWSWTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRPCLARSHSSW 246
Db 181 PASADGCPNWSWTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLASRSHGSW 240

QY 247 NSAF 250
Db 241 NSAF 244

RESULT 9
US-09-182-145-85
; Sequence 85, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 85
; LENGTH: 243
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-182-145-85
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[illegible]

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RESULT 10
US-09-182-145-86 ; Sequence 86, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 86
; LENGTH: 242
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-182-145-86

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	Query Match	87.8%;	Score 1264.5;	DB 4;	Length 242;	
	Best Local Similarity	90.1%;	Pred. No. 7.4e-102;			
	Matches	218;	Conservative	8;	Mismatches	15; Indels 1; Gaps 1.
QY	10	LATSFLCLLSMVC AOLCRPTCTCPMTTPPQC PQGVPLVLDDGCGCKVCARRLGESCDHLTV	:	:	:	69
Dd	1	LAISFLCILSMVYSQLCPAPACAPMTTPPQCP PGVPLVLDDGCGCCRCVARRLGESCDHLTV	:	:	:	60
QY	70	CDPSQGLVCQPAGPGGGHGA VCLLDEDDGSC EAVNGRRYL DGETFKENCRVLCRDDGGFT	:	:	:	129
Dd	61	CDPSQGLVCQPAGPGSGRGAVCLFEEDDGSCEAVNGRRYLDGETFKENCRVLCRDDGGFT	:	:	:	120
QY	130	CLPLCS EDVRLP SWDCPRPKRIQVP GKCCPEWVCDGV -TPAIQRSTA QGHOLSALVTPA	:	:	:	188
Dd	121	CLPLCS EDVRLP SWDCPRPKRIQVP GRCCPEWVCDQAVMPQAIPQISSAQGHOLSALVTPA	:	:	:	180

```
QY      189 SADAPCPNWMSTAMGPCSTTCGLGIATRVSNQNRFQLEIQRLCLPRPCLAAKSHSWNS   248
        ||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| :||| ||||
Db      181 SADGPCPNWSTAMGPCSTTCGLGIATRVSNQNRFQLEIQRLCLSRPCLASRSHSWNS   240
QY      249 AF 250
        ||
Db      241 AF 242
```

```

RESULT 11
US-09-182-145-87
: Sequence 87, Application US/09182145B
: Patent No. 6387657
: GENERAL INFORMATION:
: APPLICANT: Botstein, David A.
: APPLICANT: Cohen, Robert
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Lawrence, David A.
: APPLICANT: Levine, Arnold J.
: APPLICANT: Pennica, Diane
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
: FILE REFERENCE: P1176R2
: CURRENT APPLICATION NUMBER: US/09/182,145B
: CURRENT FILING DATE: 1998-10-29
: EARLIER APPLICATION NUMBER: US 60/063,704
: EARLIER FILING DATE: 1997-10-29
: EARLIER APPLICATION NUMBER: US 60/073,612
: EARLIER FILING DATE: 1998-02-04
: EARLIER APPLICATION NUMBER: US 60/081,695
: EARLIER FILING DATE: 1998-04-14
: NUMBER OF SEQ ID NOS: 156
: SEQ ID NO 87
: LENGTH: 241
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-182-145-87

```

```

Query Match      87.5%; Score 1260.5; DB 4; Length 241;
Best Local Similarity 90.0%; Pred. No. 1.6e-101;
Matches 217; Conservative 8; Mismatches 15; Indels 1; Gaps 1;

QY      11 ATSFLLLSMWCADLCRTPTCTCPWTPPQCPOGVPLVLDGCGCKVCARRLGESCDHLHVC 70
      |||:||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db      1 AISFLCILSMVYSQLCPAFCACPMWTPPQCPGVPVLVDGCGCCRCVCA RLGESCDHLHVC 60

QY      71 DPSQGLVQCQPGAGPGGHGAVCLLDDEDDGSCENVGRYYLDGETFKPNCRVLCRCDGGETC 130
      |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db      61 DPSQGLVQCQPGAGPSGRGAVCLFEEDDGSCEVNGRRYYLDGETFKPNCRVLCRCDGGETC 120

QY      131 LPLCSEDEVRLPSMDCPRPKRIQVPKCCPEWVCDQGV-TPAIORSTAQGHQLSALVTPAS 189
      |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db      121 LPLCSEDEVRLPSMDCPRPKRIQVPGRCCPEWVCDQAVMQPAIQSSAQGHQLSALVTPAS 180

QY      190 ADAPCPNMSTAMGPCSTTCGLGIATRVSNQNRFCQLEIQRLLCLPRCLARSHSSWNMSA 249
      |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db      181 ADGPCPMSTAMGPCSTTCGLGIATRVSNQNRFCQLEIQRLLCLSRPCLASRSHGSWNMSA 240

QY      250 F 250
      |
Db      241 F 241

RESULT 12
US-09-182-145-89
; Sequence 89, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert

```

```

; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 89
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-182-145-89

Query Match      87.3%; Score 1257.5; DB 4; Length 239;
Best Local Similarity 90.4%; Pred. No. 2.9e-101;
Matches 216; Conservative 8; Mismatches 14; Indels 1; Gaps 1;
```

```

QY 13 SFLCLSMVCAQLCRTPTCTCPMTTPQCPQGVPLVLDGCGCKVCARRLGESCDHLHVCDP 72
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 1 SFLCILSMVYSQLCPAPCACPMTTPQCPGVPLVLDGCGCKVCARRLGESCDHLHVCDP 60

QY 73 SQGLVCQPGAGPSGRGAVCLFEBDDGSCVNGRRYLDGETFKPNCRVLCRCDDGGFTCLP 132
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 61 SQGLVCQPGAGPSGRGAVCLFEBDDGSCVNGRRYLDGETFKPNCRVLCRCDDGGFTCLP 120

QY 133 LCSDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQRSTAQGHQLSALVTPASAD 191
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 121 LCSDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQAVMOPAIQPSAOGHQLSALVTPASAD 180

QY 192 APCPNWSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRRLCLSRPCLASRSHGWSNSAF 250
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 181 GPCPNWSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRRLCLSRPCLASRSHGWSNSAF 239
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RESULT 13
US-09-182-145-88
; Sequence 88, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 88
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; LENGTH: 240
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-182-145-88
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Query Match      87.3%; Score 1257.5; DB 4; Length 240;
Best Local Similarity 90.4%; Pred. No. 2.9e-101;
Matches 216; Conservative 8; Mismatches 14; Indels 1; Gaps 1;
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```

QY 13 SFLCLSMVCAQLCRTPTCTCPMTTPQCPQGVPLVLDGCGCKVCARRLGESCDHLHVCDP 72
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 2 SFLCILSMVYSQLCPAPCACPMTTPQCPGVPLVLDGCGCKVCARRLGESCDHLHVCDP 61

QY 73 SQGLVCQPGAGPSGRGAVCLFEBDDGSCVNGRRYLDGETFKPNCRVLCRCDDGGFTCLP 132
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 62 SQGLVCQPGAGPSGRGAVCLFEBDDGSCVNGRRYLDGETFKPNCRVLCRCDDGGFTCLP 121

QY 133 LCSDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQRSTAQGHQLSALVTPASAD 191
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 122 LCSDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQAVMOPAIQPSAOGHQLSALVTPASAD 181

QY 192 APCPNWSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRRLCLSRPCLASRSHGWSNSAF 250
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 182 GPCPNWSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRRLCLSRPCLASRSHGWSNSAF 240
```

```

RESULT 14
US-09-182-145-90
; Sequence 90, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
```

```

; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 90
; LENGTH: 238
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-182-145-90
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```

Query Match      87.0%; Score 1253.5; DB 4; Length 238;
Best Local Similarity 90.3%; Pred. No. 6.5e-101;
Matches 215; Conservative 8; Mismatches 14; Indels 1; Gaps 1;
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```

QY 14 SFLCLSMVCAQLCRTPTCTCPMTTPQCPQGVPLVLDGCGCKVCARRLGESCDHLHVCDS 73
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 1 SFLCILSMVYSQLCPAPCACPMTTPQCPGVPLVLDGCGCKVCARRLGESCDHLHVCDS 60

QY 74 SQGLVCQPGAGPSGRGAVCLFEBDDGSCVNGRRYLDGETFKPNCRVLCRCDDGGFTCLP 133
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 61 SQGLVCQPGAGPSGRGAVCLFEBDDGSCVNGRRYLDGETFKPNCRVLCRCDDGGFTCLP 120

QY 134 CSDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQRSTAQGHQLSALVTPASADA 192
    |||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 121 CSDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQAVMOPAIQPSAOGHQLSALVTPASADG 180
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Qy	193 PCPNWSTAMGPCSTTCGLGIATRVSNONRFQLEIQRLCLPRPCTLAARSHSSWNNSAF 2500
Db	181 PCPNWSTAMGPCSTTCGLGIATRVSNONRFQLEIQRLCLSRPCTLASRHHGSSWNNSAF 2388

RESULT 15

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US-09-182-145-91
; Sequence 91, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 91
; LENGTH: 237
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-182-145-91

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Query Match	86.6%	Score 1247.5;	DB 4;	Length 237;
Best Local Similarity	90.3%;	Pred. No. 2.1e-100;		
Matches 214; Conservative	8;	Mismatches 14;	Indels 1;	Gaps 1;

[illegible]

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Job time : 24 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 6, 2004, 13:23:38 ; Search time 48 Seconds
(without alignments)
1445.660 Million cell updates/sec

Title: US-10-010-408-2

Perfect score: 1440
Sequence: 1 MRGSPLIHLLATSFLLCLSM.....LCLPRPCLARSHSWNSAF 250

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1140673 seqs, 277566755 residues

Total number of hits satisfying chosen parameters: 1140673

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications_AA:*

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12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
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14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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1	1440	100.0	250	13 US-10-010-408-2	Sequence 2, Appli
2	1323	91.9	227	13 US-10-010-408-13	Sequence 13, Appl
3	1308.5	90.9	251	14 US-10-112-267-20	Sequence 20, Appl
4	1303.5	90.5	250	14 US-10-112-267-78	Sequence 78, Appl
5	1298.5	90.2	249	14 US-10-112-267-79	Sequence 79, Appl
6	1292.5	89.8	248	14 US-10-112-267-80	Sequence 80, Appl
7	1291.5	89.7	247	14 US-10-112-267-81	Sequence 81, Appl
8	1284.5	89.2	246	14 US-10-112-267-82	Sequence 82, Appl
9	1280.5	88.9	245	14 US-10-112-267-83	Sequence 83, Appl
10	1276.5	88.6	244	14 US-10-112-267-84	Sequence 84, Appl
11	1268.5	88.1	243	14 US-10-112-267-85	Sequence 85, Appl
12	1264.5	87.8	242	14 US-10-112-267-86	Sequence 86, Appl
13	1260.5	87.5	241	14 US-10-112-267-87	Sequence 87, Appl
14	1257.5	87.3	239	14 US-10-112-267-89	Sequence 89, Appl
15	1257.5	87.3	240	14 US-10-112-267-88	Sequence 88, Appl

16	1253.5	87.0	238	14 US-10-112-267-90	Sequence 90, Appl
17	1247.5	86.6	237	14 US-10-112-267-91	Sequence 91, Appl
18	1243.5	86.4	236	14 US-10-112-267-92	Sequence 92, Appl
19	1234.5	85.7	235	14 US-10-112-267-93	Sequence 93, Appl
20	1232.5	85.6	234	14 US-10-112-267-94	Sequence 94, Appl
21	1228.5	85.3	233	14 US-10-112-267-95	Sequence 95, Appl
22	1224.5	85.0	232	14 US-10-112-267-96	Sequence 96, Appl
23	1219.5	84.7	231	14 US-10-112-267-97	Sequence 97, Appl
24	1217.5	84.5	229	14 US-10-112-267-99	Sequence 99, Appl
25	1217.5	84.5	230	14 US-10-112-267-98	Sequence 98, Appl
26	1216.5	84.5	228	14 US-10-112-267-19	Sequence 19, Appl
27	1064	73.9	250	9 US-09-915-582-53	Sequence 53, Appl
28	1064	73.9	250	9 US-09-915-582-69	Sequence 69, Appl
29	1064	73.9	250	11 US-09-833-245-1465	Sequence 1465, Ap
30	1064	73.9	250	11 US-09-833-245-1466	Sequence 1466, Ap
31	1064	73.9	250	12 US-10-147-493-320	Sequence 320, App
32	1064	73.9	250	12 US-10-145-127-320	Sequence 320, App
33	1064	73.9	250	12 US-10-160-503-320	Sequence 320, App
34	1064	73.9	250	12 US-10-143-118-320	Sequence 320, App
35	1064	73.9	250	12 US-10-144-993-320	Sequence 320, App
36	1064	73.9	250	12 US-10-158-787-320	Sequence 320, App
37	1064	73.9	250	12 US-10-140-024-320	Sequence 320, App
38	1064	73.9	250	12 US-10-140-808-320	Sequence 320, App
39	1064	73.9	250	12 US-10-152-405-320	Sequence 320, App
40	1064	73.9	250	12 US-10-127-852A-320	Sequence 320, App
41	1064	73.9	250	12 US-10-127-900A-320	Sequence 320, App
42	1064	73.9	250	12 US-10-128-685A-320	Sequence 320, App
43	1064	73.9	250	12 US-10-131-820A-320	Sequence 320, App
44	1064	73.9	250	12 US-10-142-886-320	Sequence 320, App
45	1064	73.9	250	12 US-10-146-728-320	Sequence 320, App

ALIGNMENTS

RESULT 1

US-10-010-408-2

; Sequence 2, Application US/10010408

; Publication No. US20020165185A1

; GENERAL INFORMATION:

APPLICANT: John J. Castellet, Jr.

TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CGN-Like Molecules

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/010,408

FILING DATE: 07-Dec-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/044,273

FILING DATE: March 19, 1998

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amy E. Mandragouras

REGISTRATION NUMBER: 36,207

REFERENCE/DOCKET NUMBER: MBI-004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400

TELEFAX: (617)742-4214

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 250 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-010-408-2

Query Match 100.0%; Score 1440; DB 13; Length 250;
Best Local Similarity 100.0%; Pred. No. 7.2e-113;
Matches 250; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRGSPILHLATSFLCLLSMVCAGLCRTPTCPMTTPQCPQGVPLVLDGCGCKVCARRL 60
DB 1 MRGSPILHLATSFLCLLSMVCAGLCRTPTCPMTTPQCPQGVPLVLDGCGCKVCARRL 60
QY 61 GESCDHLHVCDSQGLVQCQPGAGPGHGAVALLEDGSCENVGRRLDGETFKPNCRVL 120
DB 61 GESCDHLHVCDSQGLVQCQPGAGPGHGAVALLEDGSCENVGRRLDGETFKPNCRVL 120
QY 121 CRCDGFTCLPLCSEDEVRLPSWDCRPRKRIQVPRGKCCPEWVCDQGVTPAIQSTAGHQ 180
DB 121 CRCDGFTCLPLCSEDEVRLPSWDCRPRKRIQVPRGKCCPEWVCDQGVTPAIQSTAGHQ 180
QY 181 LSAVTPASADAPCPNWSSTAWGPCSTTCGLGIATRVSNQNFQLEIQRLCLPRPCLAA 240
DB 181 LSAVTPASADAPCPNWSSTAWGPCSTTCGLGIATRVSNQNFQLEIQRLCLPRPCLAA 240
QY 241 RSHSSWNSAF 250
DB 241 RSHSSWNSAF 250

RESULT 2

US-10-010-408-13
Sequence 13, Application US/10010408
Publication No. US20020165185A1

GENERAL INFORMATION:

APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules and Uses Therefor

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP

STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/010,408

FILING DATE: 07-Dec-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/044,273

FILING DATE: March 19, 1998

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amy E. Mandragouras

REGISTRATION NUMBER: 36,207

REFERENCE/DOCKET NUMBER: MBI-004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 227-7400

TELEFAX: (617) 742-4214

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 227 amino acids

TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-10-010-408-13

Query Match 91.9%; Score 1323; DB 13; Length 227;
Best Local Similarity 100.0%; Pred. No. 4.2e-103;
Matches 227; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 QLCRTPCTCPMTTPQCPQGVPLVLDGCGCKVCARRLGESCDHLHVCDSQGLVQCQPGAG 83
DB 1 QLCRTPCTCPMTTPQCPQGVPLVLDGCGCKVCARRLGESCDHLHVCDSQGLVQCQPGAG 60
QY 84 PGHGAVALLEDGSCENVGRRLDGETFKPNCRVLCRCDDGFTCLPLCSEDEVRLPSW 143
DB 61 PGHGAVALLEDGSCENVGRRLDGETFKPNCRVLCRCDDGFTCLPLCSEDEVRLPSW 120
QY 144 DCPRPRIQVPRGKCCPEWVCDQGVTPAIQSTAGHQSALVTPASADAPCPNWSSTAWGP 203
DB 121 DCPRPRIQVPRGKCCPEWVCDQGVTPAIQSTAGHQSALVTPASADAPCPNWSSTAWGP 180
QY 204 CSTTCGLGIATRVSNQNFQLEIQRLCLPRPCLAA RSHSSWNSAF 250
DB 181 CSTTCGLGIATRVSNQNFQLEIQRLCLPRPCLAA RSHSSWNSAF 227

RESULT 3

US-10-112-267-20

Sequence 20, Application US/10112267

Publication No. US20030068678A1

GENERAL INFORMATION:

APPLICANT: Botstein, David A.

APPLICANT: Cohen, Robert

APPLICANT: Goddard, Audrey

APPLICANT: Gueney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Lawrence, David A.

APPLICANT: Levine, Arnold J.

APPLICANT: Pennica, Diane

APPLICANT: Roy, Margaret Ann

APPLICANT: Wood, William I.

TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME

FILE REFERENCE: P1176R2

CURRENT APPLICATION NUMBER: US/10/112,267

CURRENT FILING DATE: 2002-03-27

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B

PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704

PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612

PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14

NUMBER OF SEQ ID NOS: 156

SEQ ID NO 20

LENGTH: 251

TYPE: PRT

ORGANISM: Mus musculus

US-10-112-267-20

Query Match 90.9%; Score 1308.5; DB 14; Length 251;
Best Local Similarity 90.0%; Pred. No. 7.6e-102;
Matches 226; Conservative 9; Mismatches 15; Indels 1; Gaps 1;

QY 1 MRGSPILHLATSFLCLLSMVCAGLCRTPTCPMTTPQCPQGVPLVLDGCGCKVCARRL 60
DB 1 MRGSPILHLATSFLCLLSMVCAGLCRTPTCPMTTPQCPQGVPLVLDGCGCKVCARRL 60
QY 61 GESCDHLHVCDSQGLVQCQPGAGPGHGAVALLEDGSCENVGRRLDGETFKPNCRVL 120
DB 61 GESCDHLHVCDSQGLVQCQPGAGPGHGAVALLEDGSCENVGRRLDGETFKPNCRVL 120

QY	121	CRCDDGGFTCLPLCSEDEVRLPSWDCPRPKRIQVPGKCCPEWVCDOGV-TPAIQRSTAOGH	173
		: : :	
Dd	121	CRCDDGGFTCLPLCSEDEVRLPSWDCPRPRIQVGRCCPEWVCDOAVMQPAIQPSSAQGH	180
QY	180	QLSALVTPASADAPCPNMSTAWGPCSTTCGLIATRVSNONRFCOLEIORRLCLRPCLA	239
		: : :	
Dd	181	QLSALVTPASADGCPNPMSTAWGPCSTTCGLIATRVSNONRFCOLEIORRLCLRPCLA	240
QY	240	ARSHSSWNNSAF	250
		: :	
Dd	241	SRSHGSWNNSAF	251

RESULT 4

```

/ Sequence 78, Application US/10112267
/ Publication No. US20030068678A1
/ GENERAL INFORMATION:
/ APPLICANT: Botstein, David A.
/ APPLICANT: Cohen, Robert
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Lawrence, David A.
/ APPLICANT: Levine, Arnold J.
/ APPLICANT: Pennica, Diane
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: P1176R2
/ CURRENT APPLICATION NUMBER: US/10/112,267
/ CURRENT FILING DATE: 2002-03-27
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
/ PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
/ NUMBER OF SEQ ID NOS: 156
/ SEQ ID NO 78
/ LENGTH: 250
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-112-267-78

```

	Query Match	90.5%;	Score 1303.5;	DB 14;	Length 250;
	Best Local Similarity	90.0%;	Pred. No. 2e-101;		
	Matches 225;	Conservative	9;	Mismatches 15;	Indels 1; Gaps 1;
QY	2	RGSPLIHLATSFLCLLSMVAQLCRTPCTCPMTPPCCPGVNLVLVDGCGCKVCARRLG	61		
Db	1	RGNPLIHLLAISFLCILSMYSQLCPCAPCACPMTPPQCPSGVPLVLVDGCGCRRVCARRLG	60		
QY	62	ESCDHLHVCDPSQGLVCOPGAEGHGAVCLLDEDDGSCVENGRYYLDGETFKPNCRVLC	121		
Db	61	ESC DHLHVCDPSQGLVCOPGAEGSGRAVCLFEEDDGCSEVNGRYYLDGETFKPNCRVLC	120		
QY	122	RDDGGFTCLPLCSSEDRVLRPSNDPRPKRIQVPKCCPEWVCDQGV-TPAIQRTAQQHQ	180		
Db	121	RCDDGGFTCLPLCSSEDRVLRPSNDCPRPRIQVPGRCCEPWCDQAVMQPAIQSSAQGHQ	180		
QY	181	LSALVTPASADAPCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRPCLAA	240		
Db	181	LSALVTPASADGPCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLAS	240		
QY	241	RSHSSWNAAF	250		
Db	241	RSHGSWNSAF	250		

RESULT 5

```

US-10-112-267-79
? Sequence 79, Application US/10112267
? Publication No. US20030068678A1
? GENERAL INFORMATION:
? APPLICANT: Botstein, David A.
? APPLICANT: Cohen, Robert
? APPLICANT: Goddard, Audrey
? APPLICANT: Gurney, Austin L.
? APPLICANT: Hillan, Kenneth J.
? APPLICANT: Lawrence, David A.
? APPLICANT: Levine, Arnold J.
? APPLICANT: Pennica, Diane
? APPLICANT: Roy, Margaret Ann
? APPLICANT: Wood, William I.
? TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
? FILE REFERENCE: P116R2
? CURRENT APPLICATION NUMBER: US/10/112,267
? CURRENT FILING DATE: 2002-03-27
? PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
? PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
? PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
? PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
? PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
? PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
? PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
? PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
? NUMBER OF SEQ ID NOS: 156
? SEQ ID NO 79
? LENGTH: 249
? TYPE: PRT
? ORGANISM: Homo sapiens
US-10-112-267-79

```

Query Match

QY	Matches	224;	Conservative	9;	Mismatches	15;	Indels	1;	Gaps	1
QY	3	GSPLIHLATSFLCLISWCAQLCRTPCTCPMTPPQCPCQGVPLVLDGCGCKVCARLGE	62							
Db	1	GNPLIHLAISFLCLISWYSQLCRAPCACPMTPQCPCGVPLVLDGCGCCRVCARLGE	60							
QY	63	SCDHLHVCDPSSQGLVCCQPCAGPCGHGAVCLLDEDDGSCENVNRRYLDGETFKPNCRVLCR	122							
Db	61	SCDHLHVCDPSSQGLVCCQPCAGPCGRGAVCLFEEDDGSCENVNRRYLDGETFKPNCRVLCR	120							
QY	123	CDDGGFTCLPLCSEDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQRSTAQGHQL	181							
Db	121	CDDGGFTCLPLCSEDEVRLPSWDCPRPRRIQVPGRCCEPWVCDQAVMQPAIQPSSAQGHQL	180							
QY	182	SALVTPASADAPCPNWSSTAWGECSTTCGLGIATRVSNNRRFCOLEIQRLCLPRPCLAAAR	241							
Db	181	SALVTPASADGPCPNWSTAWGPCSTTCGLGIATRVSNNRRFCOLEIQRLCLSRPCLASR	240							
QY	242	SHSSWNSAF	250							
Db	241	SHGSWNSAF	249							

RESULT 6

US-10-112-267-80
Sequence 80, Application US/10112267
Publication No. US20030068678A1
GENERAL INFORMATION:
APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.


```
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 80
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-112-267-80

Query Match          89.8%; Score 1292.5; DB 14; Length 248;
Best Local Similarity 89.9%; Pred. No. 1.7e-100;
Matches 223; Conservative 9; Mismatches 15; Indels 1; Gaps 1;

QY 4 SPLHLATSFLLSMVCAQLCRTPTCPWTPPQCPQGVPLVLDGCGCKVCARRLGES 63
   :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 NPLHLAISFLCILSMVYSQLCPAPCAPWTPPQCPGVPVLVDGCGCCRVCARLGES 60

QY 64 CDHLVCDPSQGLVCCPGAGPGHGAVALDDEDDGSCENVNGRRYLDGETFKPNCRLCRC 123
   |||||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 61 CDHLVCDPSQGLVCCPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRLCRC 120

QY 124 DDGFTCLPLCSEDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQSTAGHQLS 182
   |||||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 121 DDGFTCLPLCSEDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQAVMQPAIQSSAQGHQLS 180

QY 183 ALVTPASADAPCPNWSWTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRPCLARS 242
   |||||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 181 ALVTPASADGCPNWSWTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLARS 240

QY 243 HSSWNSAF 250
   |||||||
Db 241 HGSWNSAF 248

RESULT 7
US-10-112-267-81
; Sequence 81, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 81
```

```
; LENGTH: 247
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-112-267-81

Query Match          89.7%; Score 1291.5; DB 14; Length 247;
Best Local Similarity 90.3%; Pred. No. 2e-100;
Matches 223; Conservative 8; Mismatches 15; Indels 1; Gaps 1;

QY 5 PLIHLATSFLLSMVCAQLCRTPTCPWTPPQCPQGVPLVLDGCGCKVCARRLGESC 64
   |||||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 1 PLIHLAISFLCILSMVYSQLCPAPCAPWTPPQCPGVPVLVDGCGCCRVCARLGESC 60

QY 65 DHLHVCDPSQGLVCCPGAGPGHGAVALDDEDDGSCENVNGRRYLDGETFKPNCRLCRC 124
   |||||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 61 DHLHVCDPSQGLVCCPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRLCRC 120

QY 125 DDGFTCLPLCSEDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQSTAGHQLSA 183
   |||||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 121 DDGFTCLPLCSEDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQAVMQPAIQSSAQGHQLSA 180

QY 184 LVTASADAPCPNWSWTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRPCLARS 243
   |||||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 181 LVTASADGCPNWSWTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLARS 240

QY 244 GSWNSAF 250
   |||||||
Db 241 GSWNSAF 247

RESULT 8
US-10-112-267-82
; Sequence 82, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 82
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-112-267-82

Query Match          89.2%; Score 1284.5; DB 14; Length 246;
Best Local Similarity 90.2%; Pred. No. 7.7e-100;
Matches 222; Conservative 8; Mismatches 15; Indels 1; Gaps 1;

QY 6 LIHLATSFLLSMVCAQLCRTPTCPWTPPQCPQGVPLVLDGCGCKVCARRLGESCD 65
   |||||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 1 LIHLAISFLCILSMVYSQLCPAPCAPWTPPQCPGVPVLVDGCGCCRVCARLGESCD 60

QY 66 HLHVCDPSQGLVCCPGAGPGHGAVALDDEDDGSCENVNGRRYLDGETFKPNCRLCRCDD 125
```


Db 61 HHHVCDPSQGLVQCQPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCRCDD 120
QY 126 GGFCTCLPLCSEDEVRLPSPWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQRSTAQGHQLSAL 184
Db 121 GGFCTCLPLCSEDEVRLPSPWDCPRPKRIQVPGRCCEPWVCDQAVMQPAIQPSSAQGHQLSAL 180
QY 185 VTPASADAPCPNWSAWGPGCSTTCGLGIATRVSQNRFQCLEIQRLCLPRPCLASRSHS 244
Db 181 VTPASADGPCPNWSTAWGPGCSTTCGLGIATRVSQNRFQCLEIQRLCLSRPCLASRSHG 240
QY 245 SWNSAF 250
Db 241 SWNSAF 246

RESULT 9
US-10-112-267-83

; Sequence 83, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 83
; LENGTH: 245
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-112-267-83

Query Match 88.9%; Score 1280.5; DB 14; Length 245;
Best Local Similarity 90.2%; Pred. No. 1.7e-99;
Matches 221; Conservative 8; Mismatches 15; Indels 1; Gaps 1;
QY 7 THLATSFLLCLSMVCAQLCRTPTCPMTPOGQVPLVLDGCGCKVCARRLGESCDH 66
Db 1 THLAISFLCILSMVYSQLCPAPCACPMTPPOGQVPLVLDGCGCCRVCAARRLGESCDH 60
QY 67 LHVCDPSQGLVQCQPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCRCDDG 126
Db 61 LHVCDPSQGLVQCQPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCRCDDG 120
QY 127 GFTCLPLCSEDEVRLPSPWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQRSTAQGHQLSALV 185
Db 121 GFTCLPLCSEDEVRLPSPWDCPRPKRIQVPGRCCEPWVCDQAVMQPAIQPSSAQGHQLSALV 180
QY 186 TTPASADAPCPNWSAWGPGCSTTCGLGIATRVSQNRFQCLEIQRLCLPRPCLASRSHS 245
Db 181 TTPASADGPCPNWSTAWGPGCSTTCGLGIATRVSQNRFQCLEIQRLCLSRPCLASRSHG 240
QY 246 WNSAF 250
Db 241 WNSAF 245

RESULT 10
US-10-112-267-84

; Sequence 84, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 84
; LENGTH: 244
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-112-267-84

Query Match 88.6%; Score 1276.5; DB 14; Length 244;
Best Local Similarity 90.2%; Pred. No. 3.6e-99;
Matches 220; Conservative 8; Mismatches 15; Indels 1; Gaps 1;

QY 8 HLLATSFLLCLSMVCAQLCRTPTCPMTPOGQVPLVLDGCGCKVCARRLGESCDHL 67
Db 1 HLLAISFLCILSMVYSQLCPAPCACPMTPPOGQVPLVLDGCGCCRVCAARRLGESCDHL 60
QY 68 HVCDDPSQGLVQCQPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCRCDDG 127
Db 61 HVCDDPSQGLVQCQPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCRCDDG 120
QY 128 FTCLPLCSEDEVRLPSPWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQRSTAQGHQLSALVT 186
Db 121 FTCLPLCSEDEVRLPSPWDCPRPKRIQVPGRCCEPWVCDQAVMQPAIQPSSAQGHQLSALVT 180
QY 187 PASADAPCPNWSAWGPGCSTTCGLGIATRVSQNRFQCLEIQRLCLPRPCLASRSHSW 246
Db 181 PASADGPCPNWSTAWGPGCSTTCGLGIATRVSQNRFQCLEIQRLCLSRPCLASRSHSW 240
QY 247 NSAF 250
Db 241 NSAF 244

RESULT 11

US-10-112-267-85
; Sequence 85, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.

APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 85
LENGTH: 243
TYPE: PRT
ORGANISM: Homo sapiens
US-10-112-267-85

Query Match 88.1%; Score 1268.5; DB 14; Length 243;

Best Local Similarity 90.1%; Pred. No. 1.7e-98;
Matches 219; Conservative 8; Mismatches 15; Indels 1; Gaps 1;

QY 9 LLAISFLCLSMVCAQLCRTCTCPWTTPQCPQGVPLVLDGCGCCVKCARLGESCDHLH 68
DB 1 LLAISFLCLSMVYSQLCPAPACFPWTPQCPGVPLVLDGCGCCVKCARLGESCDHLH 60
QY 69 VCDPSQGLVCPGAGPGGHGAVCLLDEDDGSCENVNGRRYLDGETFKPNCRVLCRCDDGGF 128
DB 61 VCDPSQGLVCPGAGPGSGRGAVCLFEEDDSCENVNGRRYLDGETFKPNCRVLCRCDDGGF 120
QY 129 TCLPLCSEDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQSTAGHQLSALVTP 187
DB 121 TCLPLCSEDEVRLPSWDCPRPKRIQVPGRCPEWVCDQAVMQPAIQSSAQGHQLSALVTP 180
QY 188 ASADAPCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRPCLARSHSSWN 247
DB 181 ASADGPCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLASRSHSSWN 240
QY 248 SAF 250
DB 241 SAF 243

RESULT 12

US-10-112-267-86

Sequence 86, Application US/10112267
Publication No. US20030068678A1

GENERAL INFORMATION:

APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 86
LENGTH: 242
TYPE: PRT
ORGANISM: Homo sapiens
US-10-112-267-86

Query Match 87.8%; Score 1264.5; DB 14; Length 242;
Best Local Similarity 90.1%; Pred. No. 3.6e-98;
Matches 218; Conservative 8; Mismatches 15; Indels 1; Gaps 1;

QY 10 LLAISFLCLSMVCAQLCRTCTCPWTTPQCPQGVPLVLDGCGCCVKCARLGESCDHLH 69
DB 1 LLAISFLCLSMVYSQLCPAPACFPWTPQCPGVPLVLDGCGCCVKCARLGESCDHLH 60
QY 70 CDPSSQGLVCPGAGPGGHGAVCLLDEDDGSCENVNGRRYLDGETFKPNCRVLCRCDDGGF 129
DB 61 CDPSSQGLVCPGAGPGSGRGAVCLFEEDDSCENVNGRRYLDGETFKPNCRVLCRCDDGGF 120
QY 130 CLPLCSEDEVRLPSWDCPRPKRIQVPGKCCPEWVCDQGV-TPAIQSTAGHQLSALVTP 188
DB 121 CLPLCSEDEVRLPSWDCPRPKRIQVPGRCPEWVCDQAVMQPAIQSSAQGHQLSALVTP 180
QY 189 SADAPCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRPCLARSHSSWN 248
DB 181 SADGPCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLASRSHSSWN 240
QY 249 AF 250
DB 241 AF 242

RESULT 13

US-10-112-267-87

Sequence 87, Application US/10112267
Publication No. US20030068678A1

GENERAL INFORMATION:

APPLICANT: Botstein, David A.
APPLICANT: Cohen, Robert
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Lawrence, David A.
APPLICANT: Levine, Arnold J.
APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 87
LENGTH: 241
TYPE: PRT
ORGANISM: Homo sapiens
US-10-112-267-87

Query Match 87.5%; Score 1260.5; DB 14; Length 241;
Best Local Similarity 90.0%; Pred. No. 7.8e-98;
Matches 217; Conservative 8; Mismatches 15; Indels 1; Gaps 1;

QY 11 ATSLCLLSMVCALQCRTPCTCPWTTPQCPQGVPLVLDGCGCCVKCARLGESCDHLHVC 70
DB 1 ATSLCLLSMVCALQCRTPCTCPWTTPQCPQGVPLVLDGCGCCVKCARLGESCDHLHVC 70

Db 1 AISFLCILSMVYSQQLCPAPCACPMTPPQCPGVPLVLDGCGCCRCVCAARLIGESCDHLHVC 60
QY 71 DPSQGLVCQPGAGPGGHGAVCLLDEDDGSCVENGRRYLDGETFKPNCRVLCRCDDGGFTC 130
Db 61 DPSQGLVCQPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCRCDDGGFTC 120
QY 131 LPLCSEDEVRLPSWDCPRPKRIQVPKCCPEWVCDQGV-TPAIQRSTAQGHQLSALVTPAS 189
Db 121 LPLCSEDEVRLPSWDCPRPKRIQVPKCCPEWVCDQAVMOPAIQPSAOGHQLSALVTPAS 180
QY 190 ADAPCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRPCLASRSHSSWNSA 249
Db 181 ADGPCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLASRSHGWSNSA 240
QY 250 F 250
Db 241 F 241

RESULT 14

US-10-112-267-89
; Sequence 89, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 89
; LENGTH: 239
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-112-267-89

Query Match 87.3%; Score 1257.5; DB 14; Length 239;
Best Local Similarity 90.4%; Pred. No. 1.4e-97;
Matches 216; Conservative 8; Mismatches 14; Indels 1; Gaps 1;

QY 13 SFLCLLSMVCAGLCRTPTCTPMTPPQCPGVPLVLDGCGCCRCVCAARLIGESCDHLHVCDP 72
Db 1 SFLCILSMVYSQQLCPAPCACPMTPPQCPGVPLVLDGCGCCRCVCAARLIGESCDHLHVCDP 60
QY 73 SQGLVCQPGAGPGGHGAVCLLDEDDGSCVENGRRYLDGETFKPNCRVLCRCDDGGFTCLP 132
Db 61 SQGLVCQPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCRCDDGGFTCLP 120
QY 133 LCSEDEVRLPSWDCPRPKRIQVPKCCPEWVCDQGV-TPAIQRSTAQGHQLSALVTPASAD 191
Db 121 LCSEDEVRLPSWDCPRPKRIQVPKCCPEWVCDQAVMOPAIQPSAOGHQLSALVTPASAD 180
QY 192 APCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRPCLASRSHSSWNSAF 250
Db 181 GPCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLASRSHGWSNSAF 239

RESULT 15

US-10-112-267-88
; Sequence 88, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 88
; LENGTH: 240
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-112-267-88

Query Match 87.3%; Score 1257.5; DB 14; Length 240;
Best Local Similarity 90.4%; Pred. No. 1.4e-97;
Matches 216; Conservative 8; Mismatches 14; Indels 1; Gaps 1;

QY 13 SFLCLLSMVCAGLCRTPTCTPMTPPQCPGVPLVLDGCGCCRCVCAARLIGESCDHLHVCDP 72
Db 2 SFLCILSMVYSQQLCPAPCACPMTPPQCPGVPLVLDGCGCCRCVCAARLIGESCDHLHVCDP 61
QY 73 SQGLVCQPGAGPGGHGAVCLLDEDDGSCVENGRRYLDGETFKPNCRVLCRCDDGGFTCLP 132
Db 62 SQGLVCQPGAGPSGRGAVCLFEEDDGSCEVNGRRYLDGETFKPNCRVLCRCDDGGFTCLP 121
QY 133 LCSEDEVRLPSWDCPRPKRIQVPKCCPEWVCDQGV-TPAIQRSTAQGHQLSALVTPASAD 191
Db 122 LCSEDEVRLPSWDCPRPKRIQVPKCCPEWVCDQAVMOPAIQPSAOGHQLSALVTPASAD 181
QY 192 APCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLPRPCLASRSHSSWNSAF 250
Db 182 GPCPNMSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRLCLSRPCLASRSHGWSNSAF 240

Search completed: May 6, 2004, 13:29:55
Job time : 49 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: May 9, 2004, 11:05:42 ; Search time 83 Seconds
(without alignments)
1671.539 Million cell updates/sec

Title: US-10-010-408-2

Perfect score: 1440

Sequence: 1 MRGSPLHLATSLFLCLLSM.....LCLPRCLAARSHSSWNSAF 250

Scoring table: BLOSUM62
Xgapop 10.0 , Xgapext 0.5
Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Command line parameters:

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-Q=/cgn2_1/USPTO_spool_p/US10010408/runat_06052004_125633_11905/app_query.fasta_1.391
-DB=Issued_Patents_NA -QFMT=fastcap -SUFFIX=p2n.rn1 -MINMATCH=0.1 -LOOPCL=0
-LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=biosum62 -TRANS=human40.cdi
-LIST=45 -DOCALIGN=200 -THR SCORE=pct -THR MAX=100 -THR MIN=0 -ALIGN=15
-MODE=LOCAL -OUTFMT=ptc -NORM=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=2000000000
-USER=US10010408@cgn_1_1_85@runat_06052004_125633_11905 -NCPU=6 -ICPU=3
-NO MMAP -LARGQUERY -NEG SCORES=0 -WAIT -DSPBLOCK=100 -LONGLOG
-DEV_TIMEOUT=120 -WARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database :

Issued_Patents_NA:*
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1308.5	90.9	1734	4	US-09-182-145-17
2	1308.5	90.9	1734	4	US-09-182-145-18
3	1064	73.9	1293	4	US-09-182-145-13
4	1064	73.9	1293	4	US-09-182-145-14
5	1047	72.7	738	4	US-09-182-145-38
6	1045.5	72.6	841	4	US-09-182-145-39
7	612	42.5	647	4	US-09-023-655-790
8	564	39.2	2075	1	US-08-167-628-1
9	564	39.2	2075	1	US-08-386-680-1
10	564	39.2	2075	1	US-08-459-717-1
11	564	39.2	2075	1	US-08-712-302-1
12	564	39.2	2075	2	US-08-880-031-1

13	564	39.2	2075	3	US-09-097-179-1	Sequence 1, Appli
14	564	39.2	2075	3	US-09-080-715-1	Sequence 1, Appli
15	564	39.2	2075	4	US-09-142-569-7	Sequence 7, Appli
16	564	39.2	2075	4	US-09-461-688-1	Sequence 1, Appli
17	564	39.2	2075	4	US-09-023-655-1044	Sequence 1044, Ap
18	564	39.2	2075	5	PCT-US96-08140-1	Sequence 1, Appli
19	564	39.2	2998	3	US-09-054-368-1	Sequence 1, Appli
20	564	39.2	2998	3	US-09-054-274-1	Sequence 1, Appli
21	564	39.2	2998	3	US-09-056-704-1	Sequence 1, Appli
22	550.5	38.2	2267	4	US-09-142-569-5	Sequence 5, Appli
23	548.5	38.1	2338	4	US-09-182-337-1	Sequence 1, Appli
24	542.5	37.7	2350	4	US-09-187-478-1	Sequence 1, Appli
25	542.5	37.7	2350	4	US-09-292-036-1	Sequence 1, Appli
26	511	35.5	4214	4	US-09-122-135-1	Sequence 1, Appli
27	503.5	35.0	1766	4	US-09-182-145-9	Sequence 9, Appli
28	503.5	35.0	1766	4	US-09-182-145-10	Sequence 10, Appli
29	501.5	34.8	1403	4	US-09-182-145-23	Sequence 23, Appli
30	500.5	34.8	1480	4	US-09-142-569-1	Sequence 1, Appli
31	498.5	34.6	1146	4	US-09-348-815-1	Sequence 1, Appli
32	498.5	34.6	2630	4	US-09-182-145-1	Sequence 1, Appli
33	498.5	34.6	2830	4	US-09-182-145-2	Sequence 2, Appli
34	496.5	34.5	1418	4	US-09-142-569-3	Sequence 3, Appli
35	465	32.3	1128	2	US-08-459-101A-1	Sequence 1, Appli
36	446	31.0	1101	4	US-09-182-145-29	Sequence 29, Appli
37	431.5	30.0	669	4	US-09-461-688-3	Sequence 3, Appli
38	377.5	26.2	1335	4	US-09-182-145-30	Sequence 30, Appli
39	377.5	26.2	1335	4	US-09-182-145-31	Sequence 31, Appli
40	372.5	25.9	1212	4	US-09-182-145-34	Sequence 34, Appli
41	372.5	25.8	1142	4	US-09-182-145-35	Sequence 35, Appli
42	371.5	25.8	1142	4	US-09-253-316-1	Sequence 1, Appli
43	326.5	22.7	1062	4	US-09-253-316-3	Sequence 3, Appli
44	220	15.3	693	4	US-09-182-145-24	Sequence 24, Appli
45	220	15.3	1202	4	US-09-182-145-26	Sequence 26, Appli

ALIGNMENTS

RESULT 1
US-09-182-145-17
; Sequence 17, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; EARLIER FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-182-145-17
Alignment Scores: 4.53e-96 Length: 1734
Pred. No.: 1308.50 Matches: 226
Score: 93.63% Conservative: 9
Percent Similarity: 93.63%

Best Local Similarity: 90.04% Mismatches: 15
Query Match: 90.87% Indels: 1
DB: 4 Gaps: 1

US-10-010-408-2 (1-250) x US-09-182-145-17 (1-1734)

```
QY      1 MetArgGlySerProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMet 20
      |||
      ::::::::::::::::::::
Db      257 ATGAGGGGCAACCCACTGATCCATTCTTCCGCAATTCCTCTCTGCAATCTCTCAATG 316

QY      21 ValCysAlaGlnLeuCysArgThrProCysThrCysProTrpThrProProGlnCysPro 40
      |||
      ::::::::::::::::::::
Db      317 GTGTATTCCCAAGCTGTGCCAGCACCTGTGCTGTCTTGAGACACCAACCCAGTGCCTCA 376

QY      41 GlnGlyValProLeuValLeuAspGlyCysGlyCysCysIleValCysAlaArgArgLeu 60
      |||
      ::::::::::::::::::::
Db      377 CCGGGGTACCCCTGTGTGTGATGAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 436

QY      61 GlyIleSerCysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnPro 80
      |||
      ::::::::::::::::::::
Db      437 GGGAGTCTCGACCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTG 496

QY      81 GlyAlaGlyProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCys 100
      |||
      ::::::::::::::::::::
Db      497 GGGGCAAGCCCAAGTGGCCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 556

QY      101 GlnValaGlnGlyArgArgTyrLeuAspGlyGluThrPheIysProAsnCysArgValLeu 120
      |||
      ::::::::::::::::::::
Db      557 GAGTGAATGCGCGCAGAGTACCTGATGGGAGAGACCTTAAACCAATTGCAGAGTTTGG 616

QY      121 CysArgCysAspAspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeu 140
      |||
      ::::::::::::::::::::
Db      617 TGCCCGTGTGATGACGGTGTTCACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 676

QY      141 ProSerTrpAspCysProArgProIysArgIleGlnValProGlyIysCysCysProGln 160
      |||
      ::::::::::::::::::::
Db      677 CCCAGCTGGAGCTGCCACAGCCCCCAGAGAAATACAGGTGCCAGAAAGTGTGCTGCCCGAG 736

QY      161 TrpValCysAspGlnGlyVal--ThrProAlaIleGlnArgSerThrAlaGlnGlyHis 179
      |||
      ::::::::::::::::::::
Db      737 TGGGTGTGTGACCAAGGAGTGTATGATGACGGGCAATCCAGCCCTCTCAGCCCAAGGACAC 796

QY      180 GlnLeuSerAlaLeuValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThr 199
      |||
      ::::::::::::::::::::
Db      797 CAACCTTCTGCTGCTGTCACTCTGCACTGTGCGATGGCCCTGTGCTCAAACTGAGACACA 856

QY      200 AlaTrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGln 219
      |||
      ::::::::::::::::::::
Db      857 GCCTGGGGCCCTGCTCAACCACTGTGGGTGGGCATAGCCACCCGAGTATCCAAACACAG 916

QY      220 AsnArgPheCysGlnLeuGluIleGlnArgLeuCysLeuProArgProCysLeuAla 239
      |||
      ::::::::::::::::::::
Db      917 AACCGATTCTGCCAACTGGAGATCCAGCGCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGT 976

QY      240 AlaArgSerHisSerSerTrpAsnSerAlaPhe 250
      ::::::::::::::::::::
Db      977 TCCAGAGCCACGGCTCATGGAAAGTGCCTTC 1009

RESULT 2
US-09-182-145-18/c
; Sequence 18, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
```

```
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-182-145-18
```

Alignment Scores:

Pred. No.:	4.53e-96	Length:	1734
Score:	1308.50	Matches:	226
Percent Similarity:	93.63%	Conservative:	9
Best Local Similarity:	90.04%	Mismatches:	15
Query Match:	90.87%	Indels:	1
DB:	4	Gaps:	1

US-10-010-408-2 (1-250) x US-09-182-145-18 (1-1734)

```
QY      1 MetArgGlySerProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMet 20
      |||
      ::::::::::::::::::::
Db      1478 ATGAGGGGCAACCCACTGATCCATTCTTCCGCAATTCCTCTCTGCAATCTCTCAATG 1419

QY      21 ValCysAlaGlnLeuCysArgThrProCysThrCysProTrpThrProProGlnCysPro 40
      |||
      ::::::::::::::::::::
Db      1418 GTGTATTCCCAAGCTGTGCCAGCACCTGTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1359

QY      41 GlnGlyValProLeuValLeuAspGlyCysGlyCysCysIleValCysAlaArgArgLeu 60
      |||
      ::::::::::::::::::::
Db      1358 CCGGGGTACCCCTGTGTGTGATGATGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTG 1299

QY      61 GlyIleSerCysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnPro 80
      |||
      ::::::::::::::::::::
Db      1298 GGGAGTCTCGACCACTGCACTGATGTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 1239

QY      81 GlyAlaGlyProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCys 100
      |||
      ::::::::::::::::::::
Db      1238 GGGGCAAGCCCAAGTGGCCGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1179

QY      101 GlnValaGlnGlyArgArgTyrLeuAspGlyGluThrPheIysProAsnCysArgValLeu 120
      |||
      ::::::::::::::::::::
Db      1178 GAGTGAATGCGCGCAGGATGATGATGAGGAGAACCTTAAACCAATTGCAGAGTTTGG 1119

QY      121 CysArgCysAspAspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeu 140
      |||
      ::::::::::::::::::::
Db      1118 TGCCGCTGTGATGACGGTGTTCACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1059

QY      141 ProSerTrpAspCysProArgProIysArgIleGlnValProGlyIysCysCysProGln 160
      |||
      ::::::::::::::::::::
Db      1058 CCCAGCTGGAGCTGCCACAGCCCCCAGAGAAATACAGGTGCCAGAAAGTGTGCTGCCCGAG 999

QY      161 TrpValCysAspGlnGlyVal--ThrProAlaIleGlnArgSerThrAlaGlnGlyHis 179
      |||
      ::::::::::::::::::::
Db      998 TGGGTGTGTGACCAAGGAGTGTATGACCGGCAATCCAGCCCTCTCAGCCCAAGGACAC 939

QY      180 GlnLeuSerAlaLeuValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThr 199
      |||
      ::::::::::::::::::::
Db      938 CAACCTTCTGCTGCTGTCACTCTGCACTGTGCGATGGCCCTGTGCTCAAACTGAGACACA 879

QY      200 AlaTrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGln 219
      |||
      ::::::::::::::::::::
Db      878 GCCTGGGGCCCTGCTCAACCACTGTGGGTGGGCATAGCCACCCGAGTATCCAAACACAG 819

QY      220 AsnArgPheCysGlnLeuGluIleGlnArgLeuCysLeuProArgProCysLeuAla 239
      |||
      ::::::::::::::::::::
```

Db 818 AACGATTCGCCAACTGGAGATCCAGCGTGCCTGTGTCTGTCCAGAACCTTGCGCA 759
QY 240 AlaArgSerHisSerSerTrpAsnSerAlaPhe 250
Db 758 TCCAGAGCCACGCGCTCATGGAACAGTGCCCTTC 726

RESULT 3
US-09-182-145-13

/ Sequence 13, Application US/09182145B
/ Patent No. 6387657

GENERAL INFORMATION:

/ APPLICANT: Botstein, David A.
/ APPLICANT: Cohen, Robert
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Lawrence, David A.
/ APPLICANT: Levine, Arnold J.
/ APPLICANT: Pennica, Diane
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: P1176R2

/ CURRENT APPLICATION NUMBER: US/09/182,145B
/ CURRENT FILING DATE: 1998-10-29
/ EARLIER APPLICATION NUMBER: US 60/063,704
/ EARLIER FILING DATE: 1997-10-29
/ EARLIER APPLICATION NUMBER: US 60/073,612
/ EARLIER FILING DATE: 1998-02-04
/ EARLIER APPLICATION NUMBER: US 60/081,695
/ EARLIER FILING DATE: 1998-04-14
/ NUMBER OF SEQ ID NOS: 156

/ SEQ ID NO 13
/ LENGTH: 1293
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-182-145-13

Alignment Scores:

Pred. No.: 1.3e-76 Length: 1293
Score: 1064.00 Matches: 184
Percent Similarity: 80.40% Conservative: 17
Best Local Similarity: 73.60% Mismatches: 49
Query Match: 73.89% Indels: 0
DB: 4 Gaps: 0

US-10-010-408-2 (1-250) x US-09-182-145-13 (1-1293)

QY 1 MetArgGlySerProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMet 20
Db 22 ATGAGAGGCACACCGAAGACCACTCTGCGCTTCTCCTCTGCTGCTCTCTCAAG 81
QY 21 ValCysAlaGlnLeuCysArgThrProCysThrCysProTrpThrProProGlnCysPro 40
Db 82 GTGCGTACCAGCTGTGCCGACACCATGTACTGCTGCCCTGGCCACCTCCCGATGCCCG 141
QY 41 GlnGlyValProLeuValLeuAspGlyCysGlyCysValCysAlaArgArgLeu 60
Db 142 CTGGAGTACCCCTGTGTCTGTGATGGCTGTGGCTGTGCCGGTATGTGACGGCGCTG 201
QY 61 GlyGlySerCysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnPro 80
Db 202 GGGGAGCCCTGCGACCACTCCACGTCTGCGACGCCACCAAGGGCTGTGCTCCAGCCC 261
QY 81 GlyAlaGlyProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCys 100
Db 262 GGGGCAGGACCCGGTGGCGGGGGGGCTGTGCTCTTTGGCAGAGGACGACAGCTGT 321
QY 101 GluValAsnGlyArgArgTyrLeuAspGlyGlyThrPheLysProAsnCysArgValLeu 120
Db 322 GAGGTGAACGCGCGCTGTATCGGAAGGGGAGAGACCTTCAGCCCCCACTGCAAGTCCGC 381
QY 121 CysArgCysAspAspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeu 140

Db 382 TGCCCGTCGAGGACCGCGCTTCACTGCGTGCCTGTGTGACGAGGATGTGCGGCTG 441

QY 141 ProSerTrpAspCysProArgProLysArgIleGlnValProGlyLysCysCysProGlu 160
Db 442 CCAGCTGGAGACTGCCCCACCCAGAGGGTGCAGGTCTCTGGGCAAGTCTGCGCTGAG 501

QY 161 TrpValCysAspGlnGlyValThrProAlaIleGlnArgSerThrAlaGlnGlyHisGln 180
Db 502 TGGTGTGCGGCCAAGAGAGGGGAGTGGGAGCCAGCCCCCTTCAGGCCAAGAGCCAG 561

QY 181 LeuSerAlaLeuValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla 200
Db 562 TTTCTGCGCTGTCTCTTCCCTGCCCTGTGTGTCCTGCGCAGATGAGACGCGCC 621

QY 201 TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn 220
Db 622 TGGGAGCCCTGCTCGACCACTGTGGCTGGCATGGCCACCGGGTGTCCAACAGAAC 681

QY 221 ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAlaAla 240
Db 682 CGCTTCTGCGACTGAGAGACCCAGCGCGCTGTGCTGTCCAGGCGCTGCCACCTCC 741

QY 241 ArgSerHisSerSerTrpAsnSerAlaPhe 250
Db 742 AGGGGTGCGAGTCCACAAACAGTGCTTC 771

RESULT 4

US-09-182-145-14/c
/ Sequence 14, Application US/09182145B
/ Patent No. 6387657

GENERAL INFORMATION:

/ APPLICANT: Botstein, David A.
/ APPLICANT: Cohen, Robert
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Lawrence, David A.
/ APPLICANT: Levine, Arnold J.
/ APPLICANT: Pennica, Diane
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: P1176R2

/ CURRENT APPLICATION NUMBER: US/09/182,145B
/ CURRENT FILING DATE: 1998-10-29
/ EARLIER APPLICATION NUMBER: US 60/063,704
/ EARLIER FILING DATE: 1997-10-29
/ EARLIER APPLICATION NUMBER: US 60/073,612
/ EARLIER FILING DATE: 1998-02-04
/ EARLIER APPLICATION NUMBER: US 60/081,695
/ EARLIER FILING DATE: 1998-04-14
/ NUMBER OF SEQ ID NOS: 156

/ SEQ ID NO 14
/ LENGTH: 1293
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-182-145-14

Alignment Scores:

Pred. No.: 1.3e-76 Length: 1293
Score: 1064.00 Matches: 184
Percent Similarity: 80.40% Conservative: 17
Best Local Similarity: 73.60% Mismatches: 49
Query Match: 73.89% Indels: 0
DB: 4 Gaps: 0

US-10-010-408-2 (1-250) x US-09-182-145-14 (1-1293)

QY 1 MetArgGlySerProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMet 20
Db 1272 ATGAGAGGCACACCGAAGACCACTCTGCGCTTCTCCTCTGCTCTCTCAAG 1213

[illegible]

```

RESULT 5
US-09-182-145-38
; Sequence 38, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14

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; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 38
; LENGTH: 738
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-182-145-38

```

Alignment Scores:	
Pred. No.:	1.44e-75
Score:	1047.00
Percent Similarity:	80.08%
Best Local Similarity:	73.58%
Query Match:	72.71%
DB:	4
	Gaps: 0
	Indels: 0
	Mismatches: 49
	Conservative: 16
	Matches: 181
	Length: 738

US-10-010-408-2 (1-250) x US-09-182-145-38 (1-738)

QY	5	ProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMetValCysAlaGln	24
Db	1	CCGAAGACCACCTCTGCGCTTCTCCCTCTCTGCTCTCTCTCAAGGTGCGTACCAG	60
QY	25	LeuCysArgThrProCysThrCysProTrpThrProProGlnCysProGlnGlyValPro	44
Db	61	CTGTGCCCCGACACCATGTACTGCTCCCTGGCCACCTCCCGATGCGCTGGAGTACCC	120
QY	45	LeuValLeuAspGlyCysGlyCysCysLysValCysAlaArgArgLeuGlyLysSerCys	64
Db	121	CTGTGCTGTGATGCTGTGTGCTGTGCGGATATGTGCACGCGCGGTGGGAGCCCTGC	180
QY	65	AspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnProGlyAlaGlyPro	84
Db	181	GACCAACTCCACGTCGTGCGAGCGCCAGCCAGGGCCTGTGCTGCCAGCCCGGGGCAAGAACCC	240
QY	85	GlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCysGlyValAsnGly	104
Db	241	GGTGGCCCCGGGGGCCCTGTGCTGTGGCTGTGGCAGAGGACGACAGCAGCTGTGAGTGAACGGC	300
QY	105	ArgArgTyrLeuAspGlyGluThrPheLysProAsnCysArgValLeuCysArgCysAsp	124
Db	301	CGCCTGTATCGGGAAGGGAGAGACCTTCACGCCCACTGCAGCATCCGCTGCGCTGCGAG	360
QY	125	AspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeuProSerTrpAsp	144
Db	361	GACGCGCGCTTCACTGCGTCCGCTGTGCAAGCAGAGATGTGCGGTGCCCACTGGGAC	420
QY	145	CysProArgProLysArgIleGlnValProGlyLysCysCysProGluTrpValCysAsp	164
Db	421	TGCCCCCACCCTCAGGAGGTGAGGTCTGTGGCAAGTGTGCTGCTGAGTGGTGTGCGGC	480
QY	165	GlnGlyValThrProAlaIleGlnArgSerThrAlaGlnGlyHisGlnLeuSerAlaLeu	184
Db	481	CAAGAGGGGGGACTGGGGACCCAGCCCTTCCAGCCCAAGAACCCAGTTTCTGGCCTT	540
QY	185	ValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAlaTrpGlyProCys	204
Db	541	GTCTCTTCCCTGCGCTTGTGTGCTGCTGCTGCCAAGATGAGCAGCGCTGGGGACCTGC	600
QY	205	SerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsnArgPheCysGln	224
Db	601	TCGACCACCTGTGGGTGGGCATGGCCACCCGGGTGTCCAACAGAACCGCTTCTGCGCA	660
QY	225	LeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAlaAlaArgSerHisSer	244
Db	661	CTGAGAGACCACGCGCGCTGTGCTGTCCAGGCGCTGCCACCTCCAGGGGTGCGAGT	720
QY	245	SerTrpAsnSerAlaPhe	250
Db	721	CCACAAACAGTGCCTTC	738

RESULT 6
US-09-182-145-39
; Sequence 39, Application US/09182145B
; Patent No. 6387657


```
/ GENERAL INFORMATION:
/ APPLICANT: Botstein, David A.
/ APPLICANT: Cohen, Robert
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Lawrence, David A.
/ APPLICANT: Levine, Arnold J.
/ APPLICANT: Pennica, Diane
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: P1176R2
/ CURRENT APPLICATION NUMBER: US/09/182,145B
/ CURRENT FILING DATE: 1998-10-29
/ EARLIER APPLICATION NUMBER: US 60/063,704
/ EARLIER FILING DATE: 1997-10-29
/ EARLIER APPLICATION NUMBER: US 60/073,612
/ EARLIER FILING DATE: 1998-02-04
/ EARLIER APPLICATION NUMBER: US 60/081,695
/ EARLIER FILING DATE: 1998-04-14
/ NUMBER OF SEQ ID NOS: 156
/ SEQ ID NO 39
/ LENGTH: 841
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1-841
/ OTHER INFORMATION: Sequence is synthesized.
/ Patent No. 6387657
/ US-09-182-145-39

Alignment Scores:
Pred. No.:      2.25e-75      Length:      841
Score:          1045.50      Matches:     184
Percent Similarity: 80.63%      Conservative: 20
Best Local Similarity: 72.73%      Mismatches:  43
Query Match:    72.60%      Indels:      6
DB:             4           Gaps:         2

US-10-010-408-2 (1-250) x US-09-182-145-39 (1-841)
QY      1 MetArgGlySerProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMet 20
DB      12 ATGAGAGGCACACCGAAGACCACTCTCGCCCTTCTCCCTCTGCTCCTCCTCAAG 71
QY      21 ValCysAlaGlnLeuCysArgThrProCysThrCysProGlyThrProProGlnCysPro 40
DB      72 GTGCGTACCACGCTGTGCCGACACCATGTACCTGCCCCCTGGCCACCTCCCGAGTCCCG 131
QY      41 GlnGlyValProLeuValLeuAspGlyCysGlyCysCysValCysAlaArgLeu 60
DB      132 CTGGAGTACCCCTGTGTGTGATGGCTGTGGCTGTGCGGGTATGTGACGCGGCTG 191
QY      61 GlyGlnSerCysAspHisIleuHisValCysAspProSerGlnGlyLeuValCysGlnPro 80
DB      192 GGGGAGCCCTGCGACCACTCCAGTCTGCGACGCGACGAGGGCTGTGCTGCGACGCC 251
QY      81 GlyAlaGlyProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCys 100
DB      252 GGGGCGAGCACCCGCTGGCGGGGGGGCTGTGCTCTTGGCAGAGGACGACAGCAGCTGT 311
QY      101 GluValAsnGlyArgArgTyrLeuAspGlyGluThrPheIysProAsnCysArgValLeu 120
DB      312 GAGGTGAACGGCCGCTGTATCGGGAAGGGGAGACCTTCCAGCCCCCACTGACGATCCGC 371
QY      121 CysArgCysAspAspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeu 140
DB      372 TGCCGCTGCGAGGACGGCGGCTTCACTGCGCTGCGCTGTGCGAGGATGTGCGGCTG 431
QY      141 ProSerTrpAspCysProArgProIysArgIleGlnValProGlyIlyCysCysProGln 160
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DB      432 CCCAGCTGGGACTGCCCCCAACCCAGAGGGTGCAGGTCTTGCGCAAGTGCTGCCCTGAG 491
QY      161 TrpValCysAspGln-----GlyVal-ThrProAlaIleGlnArgSerThrAlaGlnG 178
DB      492 TGGGTGTGGCGCCCAAGAGAGGGGACTGGGAGCACGACCTT-----CCAGCCCAAGG 542
QY      178 yHisGlnLeuSerAlaLeuValThrProAlaSerAlaAspAlaProCysProAsnTrpSe 198
DB      543 ACCCCAGTTTCTTGCGCTGTCTCTTCCCTGCCCCCTGTGTGCTGCCAGATGAG 602
QY      198 rThrAlaTrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAs 218
DB      603 CACGGCTGGGGAACCTGCTGCACCACTGTGGGCTGGGCATGGCCACCGGGGTGCCAA 662
QY      218 nGlnAsnArgPheCysGlnLeuGluIleGlnArgLeuCysLeuProArgProCysLe 238
DB      663 CCAGAACCGCTTCTGCCGACTGAGACCAAGCGCGCTGTGCTGTGCTGTCAGAGCCCTGCC 722
QY      238 uAlaAlaArgSerHisSerSerTrpAsnSerAlaPhe 250
DB      723 ACCCTCAGGGGTCCGACTCCACAACAGAGTGCCTTC 759

RESULT 7
US-09-023-655-790
/ Sequence 790, Application US/09023655
/ Patent No. 6607879
/ GENERAL INFORMATION:
/ APPLICANT: Cocks, Benjamin G.
/ APPLICANT: Susan G. Stuart
/ APPLICANT: Jeffrey J. Seilhamer
/ TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 1508
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
/ STREET: 3174 PORTER DRIVE
/ CITY: PALO ALTO
/ STATE: CALIFORNIA
/ COUNTRY: USA
/ ZIP: 94304
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/023,655
/ FILING DATE: HERewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Zeller, Karen J.
/ REGISTRATION NUMBER: 37,071
/ REFERENCE/DOCKET NUMBER: PA-0001 US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (650) 855-0555
/ TELEFAX: (650) 845-4166
/ INFORMATION FOR SEQ ID NO: 790:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 647 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ IMMEDIATE SOURCE:
/ LIBRARY: LONGTUT02
/ CLONE: 692911
/ US-09-023-655-790

Alignment Scores:      9.91e-41      Length:      647
Pred. No.:

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Score: 612.00 Matches: 109
Percent Similarity: 78.21% Conservative: 13
Best Local Similarity: 69.87% Mismatches: 34
Query Match: 42.50% Indels: 1
DB: 4 Gaps: 0

US-10-010-408-2 (1-250) x US-09-023-655-790 (1-647)

QY 95 GLUASPAPGlySerCysGluValAsnGlyArgTyrLeuAspGlyGluThrPheLys 114
DB 15 GAGAGCAGACAGCTGTGAGGTGAACGGCCCTGTATCGGAGAGGAGACCTTCAG 74
QY 115 ProAsnCysArgValLeuCysArgCysAspAspGlyGlyPheThrCysLeuProLeuCys 134
DB 75 CCCCACTGCAGCATCCGCTGCGCTGCGAGACGCGGCTTCACTGCGCTGCGCTGCG 134
QY 135 SerGluAspValArgLeuProSerTrpAspCysProArgProLysArgIleGlnValPro 154
DB 135 AGCGAGGATGTGGGCTGCCCCAGCTGGAGCTGCCCAACCCAGAGGGGTGAGTCTCG 194
QY 155 GlyLysCysCysProGluTrpValCysAspGlnGlyValThrProAlaIleGlnArgSer 174
DB 195 GGCAAGTGTCTGCTGAGTGGGTGTGCGGCAAGGAGG-GGGACTGGGAGCACGCCCTT 253
QY 175 ThrAlaGlnGlyHisGlnLeuSerAlaLeuValThrProAlaSerAlaAspAlaProCys 194
DB 254 CCAGCCCAAGACCCCACTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 313
QY 195 ProAsnTrpSerThrAlaTrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThr 214
DB 314 CCAGATGAGACAGGCTGCGGAGCCTGCTGCAACCTGTGGGTGGGATGGCCACC 373
QY 215 ArgValSerAsnGlnAsnArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuPro 234
DB 374 CGGGTGTCCAACCAACCGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 433
QY 235 ArgProCysLeuAlaAlaArgSerHisSerSerTrpAsnSerAlaPhe 250
DB 434 AGCCCTGCCCCCTCCAGGGGTGCGAGTCCACAAACAGTGCCTTC 481

RESULT 8

US-08-167-628-1
; Sequence 1, Application US/08167628

; Patent No. 5408040

; GENERAL INFORMATION:

; APPLICANT: Grotendorst, Gary R.

; APPLICANT: Bradham Jr., Douglas M.,

; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR

; NUMBER OF SEQUENCES: 2

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Spensley Horn Jubas & Lubitz

; STREET: 4225 Executive Square, Suite 1400

; CITY: La Jolla

; STATE: CA

; COUNTRY: US

; ZIP: 92037

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/167,628

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/07/752,427

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Wetherell, Jr. Ph.D., John W.

; REGISTRATION NUMBER: 31,678

; REFERENCE/DOCKET NUMBER: PD-1294

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 619-455-5100

; TELEFAX: 619-455-5110

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 2075 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; IMMEDIATE SOURCE:

; CLONE: DB60R32

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 130..1177

; US-08-167-628-1

Alignment Scores:

Pred. No.: 3.27e-36 Length: 2075

Score: 564.00 Matches: 112

Percent Similarity: 58.58% Conservative: 28

Best Local Similarity: 46.86% Mismatches: 81

Query Match: 39.17% Indels: 18

DB: 1 Gaps: 6

US-10-010-408-2 (1-250) x US-08-167-628-1 (1-2075)

QY 13 SerPheLeuCysLeuLeuSerMet-----ValCysAlaGlnLeuCysArgThr 28
DB 163 GCTTCTGTGCT 222
QY 29 ProCysThrCysProTrpThrPro--ProGlnCysProGlnGlyValProLeuValLeu 47
DB 223 CCGTCCGGTGGTCCCGAGCAGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCTG 282
QY 48 AspGlyCysGlyCysCysLysValCysAlaArgArgLeuGlyGluSerCysAspHisLeu 67
DB 283 GACGGCTGCGGCTGCTGCGGCTGCTGCGGCTGCTGCGGCTGCTGCGGCTGCTGCGG 342
QY 68 HisValCysAspProSerGlnGlyLeuValCysGlnProGlyAlaGlyProGlyGlyHis 87
DB 343 GACCCCTGCGACCCGACAGAGGCTCTTCTGTGACTTCCGCTCCCGGCAACCGCAAG 402
QY 88 GlyAlaValCysLeuLeuAspGluAspAspGlySerCysGluValAsnGlyArgArgTyr 107
DB 403 ATCGGCTGTGACCCGCC---AAAGATGTGTCTCCCTGCACTTCTGCTGCTGCTGCTG 459
QY 108 LeuAspGlyGluThrPheLysProAsnCysArgValLeuCysArgCysAspGlyGly 127
DB 460 CGCAGCGGAGAGTCTCTCCAGCAGCAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAG 519
QY 128 PheThrCysLeuProLeuCysSerGluAspValArgLeuProSerTrpAspCysProArg 147
DB 520 GTGGGTGCTATGCCCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 579
QY 148 ProLysArgIleGlnValProGlyLysCysCysProGluTrpValCysAspGlnGlyVal 167
DB 580 CCGAGGAGGCTCAAGCTGCTCCGGAATGCTGCGAGGAGTGGTGTGACGAG----- 633
QY 168 ThrProAlaIleGlnArgSerThrAlaGlnGlyHisGlnLeuSerAlaLeu----- 184
DB 634 ---CCCAAGACCAA-----ACCGTGTGTGGCTGCTGCTGCTGCTGCTGCTGCTG 684
QY 185 -----ValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla 200
DB 685 GACAGCTTTGGCCAGACCACTATGATTAGAGCCAACTGCTGCTGCTGCTGCTGCTGCTG 744
QY 201 TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn 220
DB 745 TGAAGCGCTGTTCAGACCTGTGGATGGGATCTCCACCCGGGTACCAATGACAAAC 804
QY 221 ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAla 239
DB 805 GCCTCTGTGAGCTAGAGAGAGAGAGCGCTGTGCTGCTGCTGCTGCTGCTGCTGCTG 861

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RESULT 9
US-08-386-680-1
/ Sequence 1, Application US/08386680
/ Patent No. 5585270
/ GENERAL INFORMATION:
/ APPLICANT: Grotendorst, Gary R.
/ APPLICANT: Bradham Jr., Douglas M.
/ TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Spensley Horn Jubas & Lubitz
/ STREET: 4225 Executive Square, Suite 1400
/ CITY: La Jolla
/ STATE: CA
/ COUNTRY: US
/ ZIP: 92037
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/386,680
/ FILING DATE: 10-FEB-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/167,628
/ FILING DATE:
/ APPLICATION NUMBER: US/07/752,427
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wetherell, Jr. Ph.D., John W.
/ REGISTRATION NUMBER: 31,678
/ REFERENCE/DOCKET NUMBER: PD-1294
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619-455-5100
/ TELEFAX: 619-455-5110
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 2075 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ IMMEDIATE SOURCE:
/ CLONE: DB60R32
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 130..1177
US-08-386-680-1

Alignment Scores:
Pred. No.: 3.27e-36 Length: 2075
Score: 564.00 Matches: 112
Percent Similarity: 58.58% Conservative: 28
Best Local Similarity: 46.86% Mismatches: 81
Query Match: 39.17% Indels: 18
DB: 1 Gaps: 6

US-10-010-408-2 (1-250) x US-08-386-680-1 (1-2075)
QY 13 SerpHeleuCysleuLeuSerMet-----ValCysAlaGlnLeuCyBArgThr 28
DB 163 GCCTTCGTGTCCTCCTCGCCCTCTGCAGCCGCCGCCGTCGCCGACAGACTGCAGCCGG 222
QY 29 ProCysThrCysPProTfPThrPro---ProGlnCysFroGlnGlyValProleuValleu 47
DB 223 CCGTGCCTGGTGCCTCCGACGAGCCGGCCGCGCGCTGCCCCGGCGGCGTGAAGCTGTGCTG 282
QY 48 AaPglYCySgLYCySsYsLYsValCySaLaArGArgleuGlygluSerCySaPHisLeu 67
DB 283 GACGGCTGGGCTGCTGCGCGCTGTGCGCCAGACGACTGGCGGCGAGCTGTGCAACCGAGCGC 342

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QY      68 HisValCysAspProSerGlnGlyLeuValCysGlnProGlyAlaGlyProGlyGlyHis 87
Db      343 GACCCCTGCAGCCCGCACAGGGCCCTCTTCTGTACTTCGGCTCCCGGCCAACCGCAAG 402
QY      88 GlyAlaValCysLeuLeuAspGluAspAspGlySerCysGluValAsnGlyArgArgTyr 107
Db      403 ATCGGCGTGTGCACCGCC---AAAGATGTGTCTCCCTGCATCTTCGGTGTACGGTGTAC 459
QY      108 LeuAspGlyGluThrPheLysProAsnCysArgValLeuCysArgCysAspAspGlyGly 127
Db      460 CGCAGCGAGAGTCCCTTCCAGAGCAGCTGCAAGTACCAGTGCACGTGCTCGACGGGGCG 519
QY      128 PheThrCysLeuProLeuLysSerGluAspValArgLeuProSerTrpAspCysProArg 147
Db      520 GTGGGCTGCATGCCCTGTGTGCAGCATGGAAGCTTGTCTGCCACGCCCTGACTGCCCTTC 579
QY      148 ProLysArgIleGlnValProGlyLysCysCysProGluTrpValCysAspGlnGlyVal 167
Db      580 CCGAGGAGGGTCAAGCTGCGCGGGAATGCTCGAGGAGTGGTGTGTACAGAG----- 633
QY      168 ThrProAlaIleGlnArgSerThrAlaGlnGlyHisGlnLeuSerAlaLeu----- 184
Db      634 ---CCCAAGAGCAAA-----ACCGTGTGTGGCGCTGCCCTCGCGGCTTACCGAAGTGGAA 684
QY      185 -----ValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla 200
Db      685 GACACGTTTGGCCCGACAGACCACTATGATTAGAGCCAACTGCTGTGTCCAGACCAAGAG 744
QY      201 TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn 220
Db      745 TGGAGCGCCTGTTCCAAGACCTGTGGGATGGGCATCTCCACCCGGGTACCAATGACCAAC 804
QY      221 ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAla 239
Db      805 GCCTCCTGCAGGCTAGAGAGACAGAGCCGCTGTGCATGTGTCAAGCCTTGGAGAAGCT 861

RESULT 10
US-08-459-717-1
: Sequence 1, Application US/08459717
: Patent No. 5770209
: GENERAL INFORMATION:
: APPLICANT: Grotendorst, Gary R.
: APPLICANT: Bradham Jr., Douglas M.,
: TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
: NUMBER OF SEQUENCES: 2
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Spensley Horn Jubas & Lubitz
: STREET: 4225 Executive Square, Suite 1400
: CITY: La Jolla
: STATE: CA
: COUNTRY: US
: ZIP: 92037
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/459,717
: FILING DATE: 02-JUN-1995
: CLASSIFICATION: 536
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/752,427
: FILING DATE: 30-AUG-1991
: ATTORNEY/AGENT INFORMATION:
: NAME: Wetherell, Jr. Ph.D., John W.
: REGISTRATION NUMBER: 31,678
: REFERENCE/DOCKET NUMBER: PD-1294
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 619-455-5100
: TELEFAX: 619-455-5110
: INFORMATION FOR SEQ ID NO: 1:

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QY      68 HisValCysAspProSerGlnGlyLeuValCysGlnProGlyAlaGlyProGlyGlyHis 87
      343 GACCCCTGCGACCCGACACAGGGCTCTTGTGACTTGGCTCCCGGCAACCGGAG 402
QY      88 GlyAlaValCysLeuLeuAspGluAspAspGlySerCysGluValAsnGlyArgArgTyr 107
      403 ATCGCGGTGTGACCGCC--AAAGATGCTGCTCCCTGCATCTTCCGTGTACCGGTGTAC 459
QY     108 LeuAspGlyGluThrPheLysProAsnCysArgValLeuCysArgCysAspAspGlyGly 127
      460 CGCAGCGGAGAGTCTCTCCAGACGACTGCAAGTACAGTCAAGTCCCTGACGCGGCG 519
QY     128 PheThrCysLeuProLeuCysSerGluAspValArgLeuProSerTrpAspCysProArg 147
      520 GTGGGCTGCATGCCCTGTGTCAGCATGACGCTTCGCTGCTCCAGCCCTGACTGCTTC 579
QY     148 ProLysArgIleGlnValProGlyLysCysCysProGluTrpValCysAspGlnGlyVal 167
      580 CCGAGGAGGCTCAAGCTGCCCGGAAATGCTGCGAGAGTGGGTGTGTACGAG-- 633
QY     168 ThrProAlaIleGlnArgSerThrAlaGlnGlyHisGlnLeuSerAlaLeu----- 184
      634 ---CCCAAGACCAA-----ACCGTGTGGGCTGCCCTCGCGGCTTACCGACTGAA 684
QY     185 -----ValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla 200
      685 GACACGTTGGCCCAAGACCACTATGATTAGAGCCACTGCTGCTCCAGACCACAGAG 744
QY     201 TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn 220
      745 TGGAGCGCTGTTCACAGACCTGTGGATGGCATCTCCACCCGGGTATCCAAATGACAAC 804
QY     221 ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAla 239
      805 GCCTCTGACGAGGTAGAGAGACAGACCGCCTGTGCTGATGTCAGGCTTGCAGACT 861

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RESULT 12

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US-08-880-031-1
; Sequence 1, Application US/08880031
; Patent No. 5916756

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GENERAL INFORMATION:

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; APPLICANT: Grotendorst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037

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COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/880,031
; FILING DATE:

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CLASSIFICATION:

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/167,628
; FILING DATE:

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ATTORNEY/AGENT INFORMATION:

```

; NAME: Wetherell, Jr. Ph.D., John W.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-1294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110

```

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; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:

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; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: DB60R32
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 130..1177
; US-08-880-031-1

```

Alignment Scores:

Pred. No.:	3,27e-36	Length:	2075
Score:	564.00	Matches:	112
Percent Similarity:	58.58%	Conservative:	28
Best Local Similarity:	46.86%	Mismatches:	81
Query Match:	39.17%	Indels:	18
DB:	2	Gaps:	6

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US-10-010-408-2 (1-250) x US-08-880-031-1 (1-2075)

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QY      13 SerPheLeuCysLeuLeuSerMet-----ValCysAlaGlnLeuCysArgThr 28
      163 GCCTTGTGTCTCTCTCTCGCCCTGACGCGCGCGCGCTGCGCCAGACTGACGCGG 222
QY      29 ProCysThrCysProTrpThrPro--ProGlnCysProGlnGlyValProLeuValLeu 47
      223 CCCTGCGGTGCGCGGACGAGCGCGCGCGCTGCGCGCGGTGAGCTGTGCTG 282
QY      48 AspGlyCysGlyCysCysValCysAlaArgArgLeuGlyLysSerCysAspHisLeu 67
      283 GACGGCTGGGTGTGCTGCGCGCTGCGCGCAAGCACTGGCGGAGTGTGACACCGCGC 342
QY      68 HisValCysAspProSerGlnGlyLeuValCysGlnProGlyAlaGlyProGlyGlyHis 87
      343 GACCCCTGCGACCCGACCAAGGGCTCTTGTGACTTGGCTCCCGGCAACCGCAAG 402
QY      88 GlyAlaValCysLeuLeuAspGluAspAspGlySerCysGluValAsnGlyArgArgTyr 107
      403 ATCGCGGTGTGACCGCC--AAAGATGCTGCTCCCTGCATCTTCCGTGTACCGGTGTAC 459
QY     108 LeuAspGlyGluThrPheLysProAsnCysArgValLeuCysArgCysAspAspGlyGly 127
      460 CCGACGAGAGTCTCTCCAGACGACTGCAAGTACCAAGTCAAGTCCCTGACGCGGCG 519
QY     128 PheThrCysLeuProLeuCysSerGluAspValArgLeuProSerTrpAspCysProArg 147
      520 GTGGGCTGCATGCCCTGTGTCAGCATGACGCTTCTGCCAGCCCTGACTGCCCTTC 579
QY     148 ProLysArgIleGlnValProGlyLysCysCysProGluTrpValCysAspGlnGlyVal 167
      580 CCGAGGAGGCTCAAGCTGCCCGGAAATGCTGCGAGAGTGGGTGTGTACGAG----- 633
QY     168 ThrProAlaIleGlnArgSerThrAlaGlnGlyHisGlnLeuSerAlaLeu----- 184
      634 ---CCCAAGACCAA-----ACCGTGTGGGCTTGCCTGCGGCTTACCGACTGAA 684
QY     185 -----ValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla 200
      685 GACACGTTGGCCCAAGACCACTATGATTAGAGCCCACTGCTGTCAGACCAAGAG 744
QY     201 TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn 220
      745 TGGAGCGCTGTTCACAGACCTGTGGATGGCATCTCCACCCGGGTATCCAAATGACAAC 804
QY     221 ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAla 239
      805 GCCTCTGACGAGGTAGAGAGACAGACCGCCTGTGCTGATGTCAGGCTTGCAGACT 861

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RESULT 13

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US-09-097-179-1
; Sequence 1, Application US/09097179

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Patent No. 6149916
GENERAL INFORMATION:
APPLICANT: Grotendorst, Gary R.
APPLICANT: Bradham Jr., Douglas M.,
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/097,179
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/386,680
FILING DATE: 10-FEB-1995
APPLICATION NUMBER: US/08/167,628
FILING DATE:
APPLICATION NUMBER: US/07/752,427
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-09-097-179-1
Alignment Scores:
Pred. No.: 3,27e-36 Length: 2075
Score: 564.00 Matches: 112
Percent Similarity: 58.58% Conservative: 28
Best Local Similarity: 46.86% Mismatches: 81
Query Match: 39.17% Indels: 18
Gaps: 6
US-10-010-408-2 (1-250) X US-09-097-179-1 (1-2075)
QY 13 SerPheLeuCySLeuLeuSerMet-----ValCysAlaGlnLeuCysArgThr 28
Db 163 GCCTTCGTGCTCTCTCGCCCTGTGAGCCGCGCGCGCTGCGGCGAGAACTGACGCGGG 222
QY 29 ProCysThrCysProTyrThrPro---ProGlnCysProGlnGlyValProLeuValLeu 47
Db 223 CCGTCCGCGGTGCCCGAGAGAGCGCGCGCGCGCTGCGGCGGCGGTGAGCTCGTGTG 282
QY 48 AspGlyCysGlyCysCysLysValCysAlaArgArgLeuGlyGlnSerCysAspHisLeu 67
Db 283 GACGGCTGCGGCTGTGCTGCGCGCTGTGCGGCGGCGAGAGCTGGGCGAGCTGTGACCGAGCGC 342
QY 68 HisValCysAspProSerGlnGlyLeuValCysGlnProGlyAlaGlyProGlyGlyHis 87

Db 343 GACCCCTGCGACCCGACAGAGGCTTCTGTGACTTCGGCTCCCGGCCAACCGCAAG 402
QY 88 GlyAlaValCysLeuLeuAspGluAspAspGlySerCysGluValAsnGlyArgArgTyr 107
Db 403 ATCGCGCTGTGACCGCC---AAAGATGTGTCTCCCTGCATCTTCGGTGTACGGTGTAC 459
QY 108 LeuAspGlyGlyThrPheLysProAsnCysArgValLeuLeuCysArgCysAspAspGly 127
Db 460 CGCAGCGGAGAGTCTCTCCAGAGCAGCTGCAAGTACCAGTGCAGCTGCAGCGGGCG 519
QY 128 PheThrCysLeuProLeuCysSerGluAspValArgLeuProSerTrpAspCysProArg 147
Db 520 GTGGGCTGCATGCCCTGTGCGACATGACGCTTCGTCGCCAGCCCTGACTGCCCTTC 579
QY 148 ProLysArgIleGlnValProGlyLysCysCysProGlyTyrValCysAspGlnGlyVal 167
Db 580 CCGAGAGGGTCAAGCTGCCCGGAAATGCTGCGAGAGTGGTGTGTGACGAG----- 633
QY 168 ThrProAlaIleGlnArgSerThrAlaGlnGlyHisGlnLeuSerAlaLeu----- 184
Db 634 ---CCCAAGACCAA-----ACCGTGTGGGCTGCCCTGCGCGCTTACCGACTGGA 684
QY 185 -----ValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla 200
Db 685 GACACGTTGGCCCGACACCACTATGATTAGAGCCCACTGCTGTCCAGACCAAGAG 744
QY 201 TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn 220
Db 745 TGGAGCGCTGTTCAGACCTGTGGATGGCATCTCCACCGGGTTACCAATGACAAAC 804
QY 221 ArgPheCysGlnLeuGlnIleGlnArgArgLeuCysLeuProArgProCysLeuAla 239
Db 805 GCCTCTCGACGCTAGAGAGCAGAGCCGCTGTGCTGCTGAGGCTTGGCGAAGCT 861
RESULT 14
US-09-080-715-1
Sequence 1, Application US/09080715
Patent No. 6190884
GENERAL INFORMATION:
APPLICANT: Grotendorst, Gary R.
APPLICANT: Bradham Jr., Douglas M.,
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/080,715
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/167,628
FILING DATE:
APPLICATION NUMBER: US/07/752,427
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: DB60R32
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 130..1177
; US-09-080-715-1

Alignment Scores:
Pred. No.: 3.27e-36 Length: 2075
Score: 564.00 Matches: 112
Percent Similarity: 58.58% Conservative: 28
Best Local Similarity: 46.86% Mismatches: 81
Query Match: 39.17% Indels: 18
DB: 3 Gaps: 6

US-10-010-408-2 (1-250) x US-09-080-715-1 (1-2075)

QY 13 SerPheLeuCysLeuLeuSerMet-----ValCysAlaGlnLeuCysArgThr 28
Db 163 GCCTTCGTGTCTCTCTCGCCCTCTGCAGCCGCCGCCGCTCGGCCAGACTGCAGCGGG 222
QY 29 ProCysThrCysProTPrThrPro--ProGlnCysProGlnGlyValProLeuValLeu 47
Db 223 CCGTGCCGGTGCCCGGACGACGCCGCCGCCGCTGCGCGCGCGCGCGCTGAGCCTCTGCTG 282
QY 48 AspGlyCysGlyCysCysValCysAlaArgArgLeuGlyGlySerCysAspHisLeu 67
Db 283 GACGGCTGCGGCTGTGCTGCGGCTGTGCGCCAGACGCTGCGGAGCTGTGCACCGAGCGC 342
QY 68 HisValCysAspProSerGlnGlyLeuValCysGlnProGlyAlaGlyProGlyGlyHis 87
Db 343 GACCCCTGCGACCCGACAGAGGCTCTTCTGTGACTTCGGCTCCCGCGCAACCGCAAG 402
QY 88 GlyAlaValCysLeuLeuAspGlyAspGlySerCysGluValAsnGlyArgArgTyr 107
Db 403 ATCGGCGTGTGCACCGCC---AAAGATGTGTCTCCCTGCATCTTCGTTGTTACGGTGTAC 459
QY 108 LeuAspGlyGluThrPheLeuProAsnCysArgValLeuCysArgCysAspAspGlyGly 127
Db 460 CGCAGCGGAGAGTCCCTTCACAGACAGCTGCAGTACAGTGCAGCTGCCTGACCGGGCG 519
QY 128 PheThrCysLeuProLeuCysSerGlnValAspValArgLeuProSerTrpAspCysProArg 147
Db 520 GTGGGCTGCATGCCCTCTGTGCAGCATGACGCTGTGCTGCCAAGCCCTGACTGCCCTTC 579
QY 148 ProLysArgIleGlnValProGlyLysCysCysProGluTrpValCysAspGlnGlyVal 167
Db 580 CCGAGGAGGTTCAAGCTGCCCGGAAATGTGCGAGAGTGGGTGTGTGACGAG----- 633
QY 168 ThrProAlaIleGlnArgSerThrAlaGlnGlyHisGlnLeuSerAlaLeu----- 184
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QY 185 -----ValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla 200
Db 685 GACACGTTTGCCCAAGCCCAACTATGATTAGAGCAACTGCTGTGCAGACACAGAG 744
QY 201 TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn 220
Db 745 TGGAGCGCCTGTTCAGAGACTGTGGATGGGCACTCCACCCGGTTACCAATGACAAC 804
QY 221 ArgPheCysGlnLeuGlnIleGlnArgArgLeuCysLeuProArgProCysLeuAla 239
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; Sequence 7, Application US/09142569
; Patent No. 6413735
; GENERAL INFORMATION:
; APPLICANT: Lau, Lester F.
; TITLE OF INVENTION: Extracellular Matrix Signalling Molecules
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borum
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,569
; FILING DATE: 02-Apr-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 28758/33766
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: "CTGF cDNA coding sequence"
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
; US-09-142-569-7

Alignment Scores:
Pred. No.: 3.27e-36 Length: 2075
Score: 564.00 Matches: 112
Percent Similarity: 58.58% Conservative: 28
Best Local Similarity: 46.86% Mismatches: 81
Query Match: 39.17% Indels: 18
DB: 4 Gaps: 6

US-10-010-408-2 (1-250) x US-09-142-569-7 (1-2075)

QY 13 SerPheLeuCysLeuLeuSerMet-----ValCysAlaGlnLeuCysArgThr 28
Db 163 GCCTTCGTGTCTCTCTCGCCCTCTGCAGCCGCCGCCGCTCGGCCAGACTGCAGCGGG 222
QY 29 ProCysThrCysProTPrThrPro--ProGlnCysProGlnGlyValProLeuValLeu 47
Db 223 CCGTGCCGGTGCCCGGACGACGCCGCCGCCGCTGCGCGCGCGCGCTGAGCCTCTGCTG 282
QY 48 AspGlyCysGlyCysCysValCysAlaArgArgLeuGlyGlySerCysAspHisLeu 67
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QY 68 HisValCysAspProSerGlnGlyLeuValCysGlnProGlyAlaGlyProGlyGlyHis 87
Db 343 GACCCCTGCGACCCGACAGAGGCTCTTCTGTGACTTCGGCTCCCGCGCAACCGCAAG 402
QY 88 GlyAlaValCysLeuLeuAspGlyAspGlySerCysGluValAsnGlyArgArgTyr 107
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Db      460  CGACGCGAGAGTCTCCAGAGCAGCTGCAAGTACCAAGTGCACGTCCTGGACGGGGCG 519
QY      128  PheThrCysLeuProLeuCysSerGluAspValArgLeuProSerTrpAspCysProArg 147
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Db      520  GTGGGCTGCATGCCCTGTGTGACATGACGCTTGTCTGCCAGCCCTGACTGCCCTTC 579
QY      148  ProLysArgIleGlnValProGlyLysCysCysProGluTrpValCysAspGlnGlyVal 167
      |||::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Db      580  CCGAGGAGGCTCAAGCTGCCCGGAATGTGCGAGAGTGGGTGTGTGACGAG----- 633
QY      168  ThrProAlaIleGlnArgSerThrAlaGlnGlyHisGlnLeuSerAlaLeu----- 184
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QY      185  -----ValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla 200
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QY      221  ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAla 239
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Search completed: May 9, 2004, 15:45:39
Job time : 90 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: May 9, 2004, 15:13:17 ; Search time 385 Seconds
(without alignments)
2941.553 Million cell updates/sec

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Perfect score: 1440
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Ygapop 10.0 , Ygapext 0.5
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Searched: 2941586 seqs, 2264995651 residues
Total number of hits satisfying chosen parameters: 5883172

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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2	1440	100.0	1708	14	US-10-010-408-1	Sequence 1, Appli
3	1323	91.9	681	14	US-10-010-408-12	Sequence 12, Appl
4	1308.5	90.9	1734	15	US-10-112-267-17	Sequence 17, Appl
5	1308.5	90.9	1734	15	US-10-112-267-18	Sequence 18, Appl
6	1064	73.9	1266	13	US-10-147-493-319	Sequence 319, App
7	1064	73.9	1266	13	US-10-145-127-319	Sequence 319, App
8	1064	73.9	1266	13	US-10-160-503-319	Sequence 319, App
9	1064	73.9	1266	13	US-10-143-118-319	Sequence 319, App
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11	1064	73.9	1266	13	US-10-158-787-319	Sequence 319, App
12	1064	73.9	1266	13	US-10-140-024-319	Sequence 319, App
13	1064	73.9	1266	13	US-10-140-808-319	Sequence 319, App
14	1064	73.9	1266	13	US-10-152-405-319	Sequence 319, App
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ALIGNMENTS

RESULT 1
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; Sequence 3, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1e1 Heparin-Induced CCN-Like Molecules
and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408

FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 742-7400
TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 753 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..750
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-010-408-3
Alignment Scores:
Pred. No.: 4.18e-131 Length: 753
Score: 1440.00 Matches: 250
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 14 Gaps: 0
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Db 1 ATGAGGGGAGCCCACTGATTCATCTTGCCACTTCTCTGCTGCTCTCAATG 60
QY 21 ValCysAlaGlnLeuCysArgThrProCysThrCysProTyrPheProGlnCysPro 40
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QY 41 GlnGlyValProLeuValLeuAspGlyCysGlyCysCysLysValCysAlaArgArgLeu 60
Db 121 CAGGGGGTACCCCTGGTGTGATGCTGTGCTGTAAAGTGTGTGACGAGGCTG 180
QY 61 GlyGlySerCysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnPro 80
Db 181 GGGGAGTCTTGGACCACTGATGCTGCGACCCAGCCAGGGCTGTGTGTCAGCT 240
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RESULT 2

US-10-010-408-1

Sequence 1, Application US/10010408
Publication No. US20020165185A1

GENERAL INFORMATION:

APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CCN-Like Molecules and Uses Therefor

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/010,408

FILING DATE: 07-Dec-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/044,273

FILING DATE: March 19, 1998

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Amy E. Mandragouras

REGISTRATION NUMBER: 36,207

REFERENCE/DOCKET NUMBER: MBI-004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 227-7400

TELEFAX: (617) 742-4214

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1708 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

FEATURE:

NAME/KEY: CDS

LOCATION: 249..1001

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-10-010-408-1

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Score: 1440.00 Matches: 250

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 14 Gaps: 0

US-10-010-408-2 (1-250) x US-10-010-408-1 (1-1708)

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Db 789 CTTTCTGCCCTGTCACTCTCTGCTCTGCTGATGCTCTTGTCCAATTGGAGACAGCC 848
QY 201 TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerArgIleAsn 220
Db 849 TGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAATGACCAAGTGTCCAACCAAGAAC 908
QY 221 ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAlaAla 240
Db 909 CGATTCTGCCAATGAGATCCAAAGCCGCTGTGTGCTGCCAGACCCCTGCTGGCAGCC 968
QY 241 ArgSerHisSerSerTyrAsnSerAlaPhe 250
Db 969 AGGAGCCACAGCTCATGAAACAGTCTTTC 998

RESULT 3

US-10-010-408-12

; Sequence 12, Application US/10010408

; Publication No. US20020165185A1

; GENERAL INFORMATION:

; APPLICANT: John J. Castellot, Jr.

; TITLE OF INVENTION: No. US20020165185A1el Heparin-Induced CCR-Like Molecules

; and Uses Therefor

; NUMBER OF SEQUENCES: 13

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: LAHIVE & COCKFIELD, LLP

; STREET: 28 State Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 681 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..681
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-010-408-12

Alignment Scores:

Pred. No.: 9.26e-120 Length: 681
Score: 1323.00 Matches: 227
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 91.88% Indels: 0
DB: 14 Gaps: 0

US-10-010-408-2 (1-250) x US-10-010-408-12 (1-681)

QY 24 GlnLeuCysArgThrProCysThrCysProTyrThrProProGlnCysProGlnGlyVal 43
Db 1 CAGCTGTGCGGACACCTGTACTGTCTTGTGACACCAACCCAGTGCCACAGGGGTA 60
QY 44 ProLeuValLeuAspGlyCysGlyCysCysLysValCysAlaArgArgLeuGlySer 63
Db 61 CCCCTGTGTGATGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCT 120
QY 64 CysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnProGlyAlaGly 83
Db 121 TGGAGCACCTGCATGTCTGCGACCCAGCCAGGGGCTGTTGTACGCTGGGGGAGTCC 180
QY 84 ProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCysGluValAsn 103
Db 181 CTTGGCGGCGCATGGGGCTGTGTCTCTTGTGATGAGATGACGTAAGTGTGAGTGAAT 240
QY 104 GlyArgArgTyrLeuAspGlyGluThrPheLysProAsnCysArgValLeuCysArgCys 123
Db 241 GGCCGAGGTACTCTGATGAGAGACCTTTAAACCAATTGCAAGGTCTGTCGCCGCTGT 300
QY 124 AspAspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeuProSerTyr 143
Db 301 GATGACGTTGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 360
QY 144 AspCysProArgProLysArgIleGlnValProGlyLysCysCysProGluTyrValCys 163
Db 361 GACTGCCACGCCCCAAGAATAACAGATGCGCAAGAAAGTGTGCTGCCGAGTGGTATGT 420
QY 164 AspGlnGlyValThrProAlaIleGlnArgSerThrAlaGlnGlyHisGlnLeuSerAla 183
Db 421 GACCAGGAGTGAACCGCGATCCAGGCTTCCACGGCGCAAGACCAACTTCTTCTGCC 480

OY		184	LeuValThrProAlaSerAlaaspAlaPheCysProAsnTrpSerThralATrGlyPro	203
Db		481	CTGTCACTCCTGCCTCTGCTGATGCTTCTGTCCAATTGGAGCACAGACCTGGGGCCCC	540
OY		204	CYSerThrThrCysGlyleuGlyIealathrArgValSerAsnGlnAsnArgPheCys	223
Db		541	TGCTCAACCACCTGTGGGCTGGGCATAGCCACCGAGTGTCCAACCGAACCGATTCTGC	600
OY		224	GlnleuGlutIleGlnArgArgleuCysleuProArgProCysleuAlaIalaArgSerHis	243
Db		601	CAACTGGAGATCCAAACGCCGCTGTGTCTGCCAGACCCCTGCCTGGCAGCCAGAGCCAC	660
OY		244	SerSerTrpAsnSerAlaPhe	250
Db		661	AGCTCATGGAAACAGTGCTTTC	681

RESULT 4

```

: Sequence 17, Application US/10112267
: Publication No. US20030068678A1
: GENERAL INFORMATION:
: APPLICANT: Botstein, David A.
: APPLICANT: Cohen, Robert
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Lawrence, David A.
: APPLICANT: Levine, Arnold J.
: APPLICANT: Pennica, Diane
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
: FILE REFERENCE: P1176R2
: CURRENT APPLICATION NUMBER: US/10/112,267
: CURRENT FILING DATE: 2002-03-27
: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
: PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
: PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
: PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
: PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
: SEQ ID NO 17
: LENGTH: 1734
: TYPE: DNA
: ORGANISM: Mus musculus
US-10-112-267-17

```

Alignment Scores:

Alignment Score:		
Pred. No.:	6,99e-118	Length: 1734
Score:	1308.50	Matches: 226
Percent Similarity:	93.63%	Conservative: 9
Best Local Similarity:	90.04%	Mismatches: 15
Query Match:	90.87%	Indels: 1
DB:	15	Gaps: 1

US-10-010-408-2 (1-250) X US-10-112-267-17 (1-1734)

```

QY      1 MetArgGlySerProLeuIleHisLeuLeuAlaThrSerPheLeuCybLeuLeuSerMet 20
      ||| ::||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
Db      257 ATGAGGGGCAACCACTGATCCATCTTGTGGCCATTTCCTCTGCAATTCCTCAATG 316
QY      21 ValCysAlaGlnLeuCysArgThrProCysThrCysProTrpThrProProGlnCysPro 40
      ||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
Db      317 GTGTATTCCCACTGTGCCACGACCACTGTGCTGTCTTGAGACACCACTGAGCCCA 376
QY      41 GlnGlyValProLeuValLeuAspGlyCysGlyCysCysValCysAlaArgArgLeu 60
      ||| ::||| ::||| ::||| ::||| ::||| ::||| ::|||
Db      377 CCGGGGGTACCCTGTGCTGTGATGGCTGTGCTGTCTGTCAGTGTGTGCACTGAGGCTG 436

```

QY	61	GLYGLU	SerCys	Asp	His	Leu	His	Val	Cys	Asp	Pro	Ser	Gln	Gly	Leu	Val	Cys	Gln	Pro	80		
Db	437	GGGAGT	CTCTG	CGAC	CACTT	GCATG	CTCG	CGAC	CCCA	CGCC	AGCG	CTGT	GTTC	AGCT						496		
QY	81	GLY	Ala	Gly	Pro	Gly	His	Gly	Ala	Val	Cys	Leu	Leu	Asp	Gly	Asp	Gly	Ser	Cys	100		
Db	497	GGG	CGAG	CGCC	CCAG	TGG	CCG	TGT	GTCT	GTGT	GTG	CTCT	CTTC	GAA	GAG	ATG	ACGG	AGCT	GT	556		
QY	101	GLU	Val	Asn	Gly	Arg	Arg	Tyr	Leu	Asp	Gly	Glu	Thr	Phe	Lys	Pro	Asn	Cys	Arg	Val	Leu	120
Db	557	GAG	TGA	TAG	CGCC	GCAG	TACT	TCG	ATG	GGG	GAG	ACCT	TAA	CCCA	TTG	CA	GAG	GT	TTT	G	616	
QY	121	Cys	Arg	Cys	Asp	Asp	Gly	Gly	Phe	Thr	Cys	Leu	Pro	Leu	Cys	Ser	Gly	Asp	Val	Arg	Leu	140
Db	617	TGCC	GTGT	GAT	GAC	GGT	GGTT	TCA	CTG	CCCT	GCCT	GTG	CAG	TGA	GAT	GTG	CGG	CTG			676	
QY	141	Pro	Ser	Tyr	Asp	Cys	Pro	Arg	Pro	Lys	Arg	Gln	Gln	Val	Pro	Gly	Lys	Cys	Cys	Pro	Gln	160
Db	677	CCC	AGCT	GGA	CTG	CCCA	CGCC	CCCA	GAGA	TAC	AGT	GCC	AGG	AGT	GCT	GC	CCCG	AG			736	
QY	161	Tyr	Val	Cys	Asp	Gln	Gly	Val	---	Thr	Pro	Ala	Ile	Gln	Arg	Ser	Thr	Ala	Gln	Gly	His	179
Db	737	TGG	GTGT	GTG	ACCA	GGC	AGT	GTAT	GCA	GCC	GGCA	TCC	AGCC	CTC	CTC	AGCC	CAAG	AC			796	
QY	180	Gln	Leu	Ser	Ala	Leu	Val	Thr	Pro	Ala	Ser	Ala	Ser	Ala	Pro	Cys	Pro	Asn	Tyr	Ser	Thr	199
Db	797	CAAC	TTCT	CGCC	CTT	GTAC	TCT	TCAT	CTG	CCG	ATG	GCC	CTT	GTCC	AACT	GAG	CA				856	
QY	200	Ala	Tyr	Gly	Pro	Cys	Ser	Thr	Thr	Cys	Gly	Leu	Gly	Ile	Ala	Thr	Arg	Val	Ser	Asn	Gln	219
Db	857	GCC	TGG	GGG	CCCT	GCT	CAAC	CACT	GTGG	GTTGG	GCAT	AGCC	ACCC	GAG	TAT	CCAA	CCAG				916	
QY	220	Asn	Arg	Phe	Cys	Gln	Leu	Gln	Ile	Gln	Arg	Arg	Leu	Cys	Leu	Pro	Arg	Pro	Cys	Leu	Ala	239
Db	917	AAC	CGAT	TCTG	CCAA	CTG	GAG	ATCC	AGCG	CTG	CTGT	GTCT	GTCC	AGAC	CTG	CTGG	CA				976	
QY	240	Ala	Arg	Ser	His	Ser	Ser	Tyr	Asn	Ser	Ala	Phe										

RESULT

```

US-10-112-267-18/C
; Sequence 18, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/10/112,267
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-112-267-18

```


Db 550 TTTTCTGGCCTTGTCTCTCCCTGCCCCCTGTGTCCCTGCCCCAGAAATGAGACGGCC 609
QY 201 TTPGLYPROCYSSERTHRCYSGLYLEU[YL]EALATHRARGVALSERASNGIASN 220
Db 610 TGGGAGACCTGCTCGACCACCTGTGGCATGGCCACCGGGGTGTCCACACGAAAC 669
QY 221 ARGPHCYSGINLEU[LU]LEGINARGARGLEUCYSLEUPROARGPROCYSLLEUALA 240
Db 670 CGCTTGTGCGACTGAGAGACCAGCCCTGCTGTGCTTCAGGCGCTTGCCCCACCTCC 729
QY 241 ARGSEHISSESRERTPASNSEALAPHE 250
Db 730 AGGGGTGCGAGTCCACAAAACAGTGCCCTTC 759

RESULT 7

US-10-145-127-319
; Sequence 319, Application US/10145127
; Publication No. US2004003558A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C252
CURRENT APPLICATION NUMBER: US/10/145,127
CURRENT FILING DATE: 2002-05-13
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-145-127-319

Alignment Scores:

Pred. No.: 3.17e-94 Length: 1266
Score: 1064.00 Matches: 184
Percent Similarity: 80.40% Conservative: 17
Best Local Similarity: 73.60% Mismatches: 49
Query Match: 73.89% Indels: 0
DB: 13 Gaps: 0

US-10-010-408-2 (1-250) x US-10-145-127-319 (1-1266)

QY 1 MetARGLYSERPROLEUIEHISLEULEUALATHRSEPHLEUCYSLEULEUSERMET 20
Db 10 ATGAGAGGACACCGAAGACCCTCTGCGCTTCTCCCTCTGCTGCTCTCAAG 69
QY 21 VALCYSLAGINLEUCYSARGTHRCYSTHRCYSPROTRPTHRPROPGINCYSPRO 40
Db 70 GTGCGTACCCAGCTGTGCGCGACACCATGTACCTGCCCCCTGGCCACCTCCCGATGCCG 129
QY 41 GINGLYVALPROLEUVALLEUASPGLYCYSGLYCYSLYSVALCYSLAARGARGLEU 60
Db 130 CTGGAGATACCCCTGTGTGATGGCTGTGGCTGCGGGTATGTGCACGGCGGCTG 189
QY 61 GLYGLUSERCYASPHISLEUHSIVALCYASPPROSERGINGLYLEUVALCYSGINPRO 80

Db 190 GGGAGCCCTGCGAACCACTCCACGTCTGCGAGGCCAGCCAGGGCCTGTCTGCCAGCCC 249
QY 81 GLYALAGLYPROGLYGLYHISGLYALAVALECYSLLEULEUASPGIUAASPAAPGLYSERCY 100
Db 250 GGGGACAGACCCGGTGGCCGGGGGGCGCTGTGCTCTGTGCGAGAGACGACGACGCTGT 309
QY 101 GLUVALASNGIYARGARGTYRLEUASPGIYGLUTHRPHELYSPROASNICYSARGVALLEU 120
Db 310 GAGGTGAACGCGCGCTGTATCGGAAGGGAGAGACCTTCCAGCCCACTGCAGCATCCGC 369
QY 121 CYARGCYASPAAPGLYGLYPHETHRCYSLEUPROLEUCYSSERGLUASPVALARLEU 140
Db 370 TGCCCTGCGAGGACGGCGGCTTCACTGCGTCCGCTGTGACGAGATGTGCGGCTG 429
QY 141 PROSETRPASPICYSPROARGPROLYSARGILEGINVALPROGLYLYSCYSPROGLU 160
Db 430 CCCAGCTGGAGCTGCCCCCAACCCCAAGAGGAGTCCAGGCAAGTGTGCGCTGAG 489
QY 161 TRPVALCYASPGINGLYVALTHRPROALAILEGINARGSERTHRALAGINGLYHISGIN 180
Db 490 TGGGTGTGCGGCAAGGAGGGGAGCTGGGGAGACCAGCCCTTCCAGCCCAAGGACCCGAG 549
QY 181 LEUSERALALEUVALTHRPROALASERALAASPAALPROCYSPROASNTRPSETRTHALA 200
Db 550 TTTTCTGGCCTTGTCTCTCCCTGCCCCCTGTGTCTCCCTGCCCCAGAAATGAGACGGCC 609
QY 201 TTPGLYPROCYSSERTHRCYSGLYLEU[YL]EALATHRARGVALSERASNGIASN 220
Db 610 TGGGAGACCTGCTCGACCACCTGTGGCTGGGCATGGCCACCGGGGTGTCCACACGAAAC 669
QY 221 ARGPHCYSGINLEU[LU]LEGINARGARGLEUCYSLEUPROARGPROCYSLLEUALA 240
Db 670 CGCTTGTGCGACTGAGAGACCAGCGCGCTGTGCTTCAGGCGCTTGCCCCACCTCC 729
QY 241 ARGSEHISSESRERTPASNSEALAPHE 250
Db 730 AGGGGTGCGAGTCCACAAAACAGTGCCCTTC 759

RESULT 8

US-10-160-503-319
; Sequence 319, Application US/10160503
; Publication No. US2004003559A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C446
CURRENT APPLICATION NUMBER: US/10/160,503
CURRENT FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-160-503-319

Alignment Scores:

Pred. No.:	3.17e-94	Length:	1266
Score:	1064.00	Matches:	184
Percent Similarity:	80.40%	Conservative:	17
Best Local Similarity:	73.60%	Mismatches:	49
Query Match:	73.89%	Indels:	0
DB:	13	Gaps:	0

US-10-010-408-2 (1-250) x US-10-160-503-319 (1-1266)

OY		MetArgGlySerProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMet	20
Db	10	ATGAGAGGCACACCAGAACCCACTCTCGCCTTCTCCCTCCTGTGCTCCTCTCAAG	69
OY	21	ValCysAlaGlnLeuCysArgThrProCysThrCysProTrpThrProProGlnCysPro	40
Db	70	GTCGGTACCCAGCTGTGCCCGACACCATGTAACCTGCCCTTGCCACCTCCCCGATGCCG	129
OY	41	GlnGlyValProLeuValLeuAspGlyCysGlyCysCysLysValCysAlaArgLeu	60
Db	130	CTGGAGTACCCCTGTGTCTGGATGGCTGTGGCTCTGCGGGTATGTGCACGGCGCTG	189
OY	61	GlyGluSerCysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnPro	80
Db	190	GGGGAGCCCTGCGAACAACCTCACGCTGCGAGCAGCCAGCGGCTGTGTCGCAAGCCC	249
OY	81	GlyAlaGlyProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCys	100
Db	250	GGGGCAGGACCCGGTGGCCGGGGGGCCCTGTGCTCTTGGCAGAGGACGACAGCTGT	309
OY	101	GluValAsnGlyArgArgTyrrLeuAspGlyGluThrPheLysProAsnCysArgValLeu	120
Db	310	GAGGTGAACGGCCGCTGTATCGGAAGGGGAGACCTTCCAGCCCCACTGCAGCATCCGC	369
OY	121	CysArgCysAspAspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeu	140
Db	370	TGCCGCTCGAGGACGGCGGCTTCACTGCTGCCGTGCTGTCAGCAGGATGTGCGGCTG	429
OY	141	ProSerTrpAspCysProArgProLysArgIleGlnValProGlyLysCysCysProGlu	160
Db	430	CCCACTGGGACTGCCCCCAACCCAGAGGGGTGCAAGSTCCTGGCAAAGTGTGCCCTGAG	489
OY	161	TrpValCysAspGlnGlyValThrProAlaIleGlnArgSerThraIagInglyHisGln	180
Db	490	TGGGTGTGCGGCCAAAGAGGGGGACTGGGGACCCACCCCTTCCAAGCCCAAGACCCAG	549
OY	181	LeuSerAlaLeuValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla	200
Db	550	TTTTCTGGCCTTGTCTCTTCCCTGCCCCCTGGTGTNCCCCCTGCCAGAATGGACAGGCC	609
OY	201	TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn	220
Db	610	TGGGACCCCTGCTCGACCACTGTGGGCTGGGCATGGCCACCCGGGTGTCCAACCAAGAC	669
OY	221	ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAlaAla	240
Db	670	CGCTTCTGCCAAGTGGAGACCCAGCGCCGCTGTGCTGTCCAGGCGCTGCCCCACCTCC	729
OY	241	ArgSerHisSerSerTrpAsnSerAlaPhe	250
Db	730	AGGGGTGCGAGTCCACAAAACAGTGCCTTC	759

RESULT 9

MS-10-143-118-319

; Sequence 319, Application US/10143118

Publication No. US20040038335A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

```

; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C228
; CURRENT APPLICATION NUMBER: US/10/143,118
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-143-118-319

```

Alignment Scores:

Pred. No.:	3.17e-94	Length:	1266
Score:	1064.00	Matches:	184
Percent Similarity:	80.40%	Conservative:	17
Best Local Similarity:	73.60%	Mismatches:	49
Query Match:	73.89%	Indels:	0
DB:	13	Gaps:	0

US-10-010-408-2 (1-250) x US-10-143-118-319 (1-1266)

QY	1	MetArgGlySerProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMet	20
		:::	
Db	10	ATGAGAGGCACACCGAAGACCACCTCTGGCCTTCTCCCTCTGCTCTCTCAAG	69
QY	21	ValCysAlaGlnLeuCysArgThrProCysThrCysProTyrThrProGlnCysPro	40
Db	70	GTGCGTACCAGCTGTGCCCGACACCATGTACTGCCCCCTGGCCACCTCCCCGATGCCG	129
QY	41	GlnGlyValProLeuValLeuAspGlyCysGlyCysCysIysValCysAlaArgArgLeu	60
Db	130	CTGGAGTACCCCTGTGTCTGATGCTGTGCTGTGCTGCCCCGGTATGTGCACGGCGCTG	189
QY	61	GlyGluSerCysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnPro	80
Db	190	GGGAGCCCTGGCACCACCACTCCAGTCTGCGACGCCAGCGGGCTGTGCTGCCAGCCC	249
QY	81	GlyAlaGlyProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCys	100
Db	250	GGGGCAGGACCCGGTGGCCGGGGGGCCCTGTGCTCTTGACAGAGACAGACAGCTGT	309
QY	101	GluValAsnGlyArgArgTyrLeuAspGlyGluThrPheIysProAsnCysArgValLeu	120
Db	310	GAGGTGAACGGCCGCTGTATCGGGAAGGGAGACCTTCCAGCCCCCACTGCAGCATCCGC	369
QY	121	CysArgCysAspAspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeu	140
Db	370	TGCCGTGCGAGGACGGCGGCTTCACTGCGTCCGCTGTGCAGCGAGATGTGCGGCTG	429
QY	141	ProSerTyrAspCysProArgProIysArgIleGlnValProGlyIysCysCysProGlu	160
Db	430	CCCACTGGGACTGCCCCCAACCCACGAGAGGCTCGAGTCTGGGCAATGCTGCCCTGAG	489
QY	161	TyrValCysAspGlnGlyValThrProAlaIleGlnArgSerThrAlaGlnGlyHisGln	180
Db	490	TGGGTGTGCGGCCAAGGAGGGGACTGGGGACCCAGCCCCCTTCCAGCCCAAGAACCCAG	549
QY	181	LeuSerAlaLeuValThrProAlaSerAlaAspAlaProCysProAsnTyrSerThrAla	200
Db	550	TTTTCTGGCCTGTGTCTCTCCCTGCCCCCTGTGCTGCCCTGCCAGATGGAGCAGCGCC	609


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; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-158-787-319
```

Alignment Scores:

Pred. No.:	3.17e-94	Length:	1266
Score:	1064.00	Matches:	184
Percent Similarity:	80.40%	Conservative:	17
Best Local Similarity:	73.60%	Mismatches:	49
Query Match:	73.89%	Indels:	0
DB:	13	Gaps:	0

US-10-010-408-2 (1-250) x US-10-158-787-319 (1-1266)

```
QY 1 MetAArgLySerProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMet 20
Db 10 ATGAGAGGACACCGAAGACCACCTCTGCGCTTCTCCCTCTGCTCTCAAG 69
QY 21 ValCysAlaGlnLeuCysArgThrProCysThrCysProTyrThrProProGlnCysPro 40
Db 70 GTGCGTACCAGCTGTGCGCGACACCATGTACTGCTGCGCTGCGCACCTCCCGATGCCCG 129
QY 41 GlnGlyValProLeuValLeuAspGlyCysGlyCysLysValCysAlaArgLeu 60
Db 130 CTGGAGTACCCCTGTGTGCTGATGCTGTGCTGCTGCGGTATGTGACGCGGCTG 189
QY 61 GlyCysLeuSerCysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnPro 80
Db 190 GGGAGCCCTGCGACCACTCAAGTCTGCGACGCGACGAGGCTGTGCTGCGACGCC 249
QY 81 GlyAlaGlyProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCys 100
Db 250 GGGGACGAGACCCGCTGCGCGCGCGCGCGCTGTGCTGCTGCGACGAGCAGCAGCTGT 309
QY 101 GluValAsnGlyArgArgTyrLeuAspGlyGluThrPheLysProAsnCysArgValLeu 120
Db 310 GAGGTGAACGGCCGCTGTATCGGGAAGGGGAGACCTTCCAGCCCACTGACGATCCGC 369
QY 121 CysArgCysAspAspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeu 140
Db 370 TGCCGCTGCGAGACGCGGCTTCACTGCGCTGCGCTGCGACGAGATGTGCGCTG 429
QY 141 ProSerTrpAspCysProArgProLysArgIleGlnValProGlyLysCysCysProGlu 160
Db 430 CCCAGCTGGAGTGCACCCCAAGAGAGAGTGTGAGTCTGGCAAGTGTGCTGCTGAG 489
QY 161 TrpValCysAspGlnGlyValThrProAlaIleGlnArgSerThrAlaGlnGlyHisGln 180
Db 490 TGGGTGTGCGGCGCAGAGAGGGGACTGGGAGCCAGCCCTTCCAGCCCAAGAGACCCAG 549
QY 181 LeuSerAlaLeuValThrProAlaSerAlaAspAlaProCysProAsnTyrSerThrAla 200
Db 550 TTTTCTGCGCTTGTCTCTTCCCTGCCCCCTGTGTCTCCCTCCCAAGATGAGCAGCGCC 609
QY 201 TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn 220
Db 610 TGGGAGCCCTGCTGACCACTGTGGGCTGGGCAATGGCCACCCGGGTGTCCAACAGAAC 669
QY 221 ArgPheCysGlnLeuGluIleGlnArgLeuCysLeuProArgProCysLeuAlaAla 240
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Db 670 CGCTTGTGCGAGTGGAGACCCAGCGCGCTGTGCTGTCCAGGCCCTGCGACCCCTCC 729
QY 241 ArgSerHisSerSerTrpAsnSerAlaPhe 250
Db 730 AGGGGTGCGAGTCCACAAACAGTGCCTTC 759
```

RESULT 12

US-10-140-024-319
; Sequence 319, Application US/10140024
; Publication No. US20040058424A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C69
; CURRENT APPLICATION NUMBER: US/10/140,024
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-024-319

Alignment Scores:

Pred. No.:	3.17e-94	Length:	1266
Score:	1064.00 <td>Matches:</td> <td>184</td>	Matches:	184
Percent Similarity:	80.40% <td>Conservative:</td> <td>17</td>	Conservative:	17
Best Local Similarity:	73.60% <td>Mismatches:</td> <td>49</td>	Mismatches:	49
Query Match:	73.89% <td>Indels:</td> <td>0</td>	Indels:	0
DB:	13	Gaps:	0

US-10-010-408-2 (1-250) x US-10-140-024-319 (1-1266)

```
QY 1 MetAArgLySerProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMet 20
Db 10 ATGAGAGGACACCGAAGACCACCTCTGCGCTTCTCCCTCTGCTCTCAAG 69
QY 21 ValCysAlaGlnLeuCysArgThrProCysThrCysProTyrThrProProGlnCysPro 40
Db 70 GTGCGTACCAGCTGTGCGCGACACCATGTACTGCTGCGCTGCGCACCTCCCGATGCCCG 129
QY 41 GlnGlyValProLeuValLeuAspGlyCysGlyCysLysValCysAlaArgLeu 60
Db 130 CTGGAGTACCCCTGTGTGCTGATGCTGTGCTGCTGCGGTATGTGACGCGGCTG 189
QY 61 GlyCysLeuSerCysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnPro 80
Db 190 GGGAGCCCTGCGACCACTCAAGTCTGCGACGCGACGAGGCTGTGCTGCGACGCC 249
QY 81 GlyAlaGlyProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCys 100
Db 250 GGGGACGAGACCCGCTGCGCGCGCGCGCGCTGTGCTGCTGCGACGAGCAGCAGCTGT 309
QY 101 GluValAsnGlyArgArgTyrLeuAspGlyGluThrPheLysProAsnCysArgValLeu 120
```


Db	310	GAGGTGAACGGCCCGCTGTATCGGGAAGGGAGACCTTCCAGCCCCACTGCAGCATCCGC	369
QY	121	CysArgCysAspAspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeu	140
Db	370	TGCCGCTGCGAGACGCGGCTTCACCTGCGTCCGCTGTGCAGCGAGGATGTGCGGCTG	429
QY	141	ProSerTrpAspCysProArgProLybArgIleGluValProGlyLysCysCysProGlu	160
Db	430	CCCAAGCTGGAGACTGCCCCCACCACCCAGAGGGTCGAGGTCTGGGCAAGTGTCCCTGAG	489
QY	161	TrpValCysAspGlnGlyValThrProAlaIleGlnArgSerThrIaGlnGlyHisGln	180
Db	490	TGGGTGTGCGGCCAAGAGGGGGGACTGGGGGACCAGCCCCCTTCCAGCCCAAGAACCCAG	549
QY	181	LeuSerAlaLeuValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla	200
Db	550	TTTTCTGGCCTTGTCTCTCTCCCTGCCCCCTGTGTCTCCCTGCCAGATGAGCACGGCC	609
QY	201	TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn	220
Db	610	TGGGAGACCCCTGCTCGACCACTGTGGGCTGGGCATGCGCACCCGGGTGTCCAACGAAC	669
QY	221	ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAlaAla	240
Db	670	CGCTTCTGCCGACTGGAGACCCAGCGCGCTGTGTCTGTCCAGGCGCCCTGCCACCTCC	729
QY	241	ArgSerHisSerSerTrpAsnSerAlaPhe	250
Db	730	AGGGGTCCGAGTCCACAAACAGTGCCTTC	759

```

RESULT 13
US-10-140-808-319
; Sequence 319, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Applioication removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-808-319

Alignment Scores:
Pred. No.: 3.17e-94
Score: 1064.00
Percent Similarity: 80.40%
Best Local Similarity: 73.60%
Query Match: 73.89%
DB: 13
Gaps: 0
Length: 1266
Matches: 184
Conservative: 17
Mismatches: 49
Indels: 0

```

US-10-010-408-2 (1-250) x US-10-140-808-319 (1-1266)

QY	1	MetArgGlySerProLeuIleHisLeuLeuAlaThrSerPheLeuCysLeuLeuSerMet	20
Db	10	ATGAGAGGACACACCGAAGACCACCTCCTGGCCCTTCTCCTCCTGCTCCTCAAG	69
QY	21	ValCysAlaGlnLeuCysArgThrProCysThrCysProTyrThrProProGlnCysPro	40
Db	70	GTGCGTACCCAGCTGTGCCGACACCATGTACCTGCCCTCCCTGACCCTCCCGATGCCG	129
QY	41	GlnGlyValProLeuValLeuAspGlyCysGlyCysCysIleValCysAlaArgArgLeu	60
Db	130	CTGGAGATACCCCTGTGTGTGATGTGCTGTGCTGTGCTGCCGGTATGTGCACGGCGGTG	189
QY	61	GlyGluSerCysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnPro	80
Db	190	GGGGAGCCCTGCGACCACTCCACGTCTGCCAGCGCAGCAGCAGCGGCTGTGCCAGCCC	249
QY	81	GlyAlaGlyProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCys	100
Db	250	GGGGCAGGACCCGGTGGCCGGGGGGCCCTGTGCTCTTGGCAGAGAGAGCAGCAGCTGT	309
QY	101	GluValAsnGlyArgArgTyrLeuAspGlyGluThrPheLysProAsnCysArgValLeu	120
Db	310	GAGGTGAACGGCCCGCTGTATCCGGGAAGGGAGAGACTTCCAGCCCCCACTGCAGCATCCGC	369
QY	121	CysArgCysAspAspGlyGlyPheThrCysLeuProLeuCysSerGluAspValArgLeu	140
Db	370	TGCCGCTGCGAGGACGGCGGCTTCACTGCTGCCGTGCCGTGTGCAGCGAGATGTGCGGTG	429
QY	141	ProSerTrpAspCysProArgProLysArgIleGlnValProGlyLysCysCysProGlu	160
Db	430	CCCACTGGGACTGCCCCCAACCACCGAGAGGGTGAAGTCTGGGCAAGTGTGCTGCCCTGAG	489
QY	161	TyrValCysAspGlnGlyValThrProAlaIleGlnArgSerThrAlaGlnGlyHisGln	180
Db	490	TGGGTGTGCGGCGCAAGAGAGGGAGACTGGGGAGACCAGCCCTTCCAGCCCAAGAGACCCAG	549
QY	181	LeuSerAlaLeuValThrProAlaSerAlaAspAlaProCysProAsnTyrSerThrAla	200
Db	550	TTTTTCTGGCCTTGTCTCTTCCCTGCCCCCTGTGTGTCCCTGCCCAAGATGGAGCAGGCC	609
QY	201	TyrGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn	220
Db	610	TGGGAGACCTGTGACCACTGTGGGTGGGGCATGGCCACCCGGGTGTCCAAACAGAAC	669
QY	221	ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAlaAla	240
Db	670	CGCTTCTGCGCACTGGAGACCCAGCGCGCTGTGCTGTCCAGGCGCTGCCACCTCC	729
QY	241	ArgSerHisSerSerTrpAsnSerAlaPhe	250
Db	730	AGGGGTGCGCAGTCCCAAAACAGTGCCTTC	759

RESULT 14
US-10-152-405-319
; Sequence 319, Application US/10152405
; Publication No. US2003021157A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bersesini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.

3.17e-94	Length:	1266
1064.00	Matches:	184
80.40%	Conservative:	17
73.60%	Mismatches:	49
73.89%	Indels:	0
13	Gaps:	0

; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C383
; CURRENT APPLICATION NUMBER: US/10/152,405
; CURRENT FILING DATE: 2002-05-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-152-405-319

Alignment Scores:
Pred. No.: 3.17e-94 Length: 1266
Score: 1064.00 Matches: 184
Percent Similarity: 80.40% Conservative: 17
Best Local Similarity: 73.60% Mismatches: 49
Query Match: 73.89% Indels: 0
DB: 13 Gaps: 0

US-10-010-408-2 (1-250) x US-10-152-405-319 (1-1266)

QY 1 MetArgGlySerProLeuIleHisLeuValaThrSerPheLeuCysLeuLeuSerMet 20
Db 10 ATGAGAGGACACCGAAGACCACTCCTGCGCTTCTCCCTCTGCTGCTCTCTCAAG 69
QY 21 ValCysAlaGlnLeuCysArgThrProCysThrCysProTrpThrProGlnCysPro 40
Db 70 GTGCGTACCAGCTGTGCGCGACACCATGTACCTGCCCCCTGGCCACCTCCCGATGCCG 129
QY 41 GlnGlyValProLeuValLeuAspGlyCysGlyCysGlyValCysAlaArgArgLeu 60
Db 130 CTGGAGTACCCCTGTGCTGGATGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 189
QY 61 GlyGlySerCysAspHisLeuHisValCysAspProSerGlnGlyLeuValCysGlnPro 80
Db 190 GGGGAGCCCTGCGACCACTCCACGCTGCGACGCGCACAGGGCCTGTGCTGCGACCCC 249
QY 81 G1yAlaGlyProGlyGlyHisGlyAlaValCysLeuLeuAspGluAspAspGlySerCys 100
Db 250 GGGGACGAGACCGGCTGCGCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG 309
QY 101 GluValAsnGlyArgArgTyrLeuAspGlyGluThrPheLysProAsnCysArgValLeu 120
Db 310 GAGGTGAACGCGCGCTGATCGGGAAGGGGAGACCTCCAGCCCCACCTGCAGCATCCGC 369
QY 121 CysArgCysAspAspGlyGlyPheThrCysLeuProLeuCysSerGlnAspValArgLeu 140
Db 370 TGCCGCTGCGAGACGCGGGCTTCACCTGCGCTGCTGCTGCTGCTGCTGCTGCTGCTG 429
QY 141 ProSerTrpAspCysProArgProLysArgGlnValProGlyLysCysCysProGlu 160
Db 430 CCCAGCTGGAGCTGCCCCCACCAGGAGGGTTCAGGCTCTGGGCAAGTGTGCTGCTGAG 489
QY 161 TrpValCysAspGlnGlyValThrProAlaIleGlnArgSerThrAlaGlnGlyHisGln 180
Db 490 TGGGTGTGCGGCGCAAGAGGGGAGTGGGAGCCACCCCTTCAGCCCAAGAGACCCAG 549
QY 181 LeuSerAlaLeuValThrProAlaSerAlaAspAlaProCysProAsnTrpSerThrAla 200
Db 550 TTTTCTGGCCTGTCTCTTCCCTGCCCCCTGTGTCTCCCTGCCAGATGAGCAGCGCC 609
QY 201 TrpGlyProCysSerThrThrCysGlyLeuGlyIleAlaThrArgValSerAsnGlnAsn 220
Db 610 TGGGAGCCCTGCTGCACCACTGTGGCTGGCATGGCCACCCGGGTGTCCAACAGAAC 669
QY 221 ArgPheCysGlnLeuGluIleGlnArgArgLeuCysLeuProArgProCysLeuAlaAla 240

Db 670 CGCTTCTGCGCACTGAGAGACCCAGCGCGCTGTGCTGTCCAGGCCCTGCCCCACCTCC 729
QY 241 ArgSerHisSerSerTrpAsnSerAlaPhe 250
Db 730 AGGGGTCCGAGTCCACAAACAGTGCCTTC 759

RESULT 15

US-10-127-852A-319
; Sequence 319, Application US/10127852A
; Publication No. US20030203428A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C88
; CURRENT APPLICATION NUMBER: US/10/127,852A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-127-852A-319

Alignment Scores:
Pred. No.: 3.17e-94 Length: 1266
Score: 1064.00 Matches: 184
Percent Similarity: 80.40% Conservative: 17
Best Local Similarity: 73.60% Mismatches: 49
Query Match: 73.89% Indels: 0
DB: 13 Gaps: 0

US-10-010-408-2 (1-250) x US-10-127-852A-319 (1-1266)

QY 1 MetArgGlySerProLeuIleHisLeuValaThrSerPheLeuCysLeuLeuSerMet 20
Db 10 ATGAGAGGACACCGAAGACCACTCCTGCGCTTCTCCCTCTGCTGCTCTCTCAAG 69

Db 437 GGGAGTCTGCGACCACTGATGCTGCGACCCAGCAGGGCCTGTTGTACAGCT 496
QY 241 GGGGAGGCGCTGGCGCCATGGGGTGTGTCTCTTGATGAGATGACGAGTAGCTGT 300
Db 497 GGGGAGGCGCCAGTAGTGGCGGTGTGTGTCTCTCGAAGAGGATGACGAGAGCTGT 556
QY 301 GAGGTGAATGCGCCGACGAGTACCTGATGAGAGACCTTTAAACCAATTGACAGGCTCTG 360
Db 557 GAGGTGAATGCGCCGACGAGTACCTGATGAGAGACCTTTAAACCAATTGACAGGCTTTG 616
QY 361 TGCCGCTGTGATGACGGTGGCTTCACTGCTGCTGCTGTGCAATGAGATGTGCGGCTG 420
Db 617 TGCCGCTGTGATGACGGTGGCTTCACTGCTGCTGCTGTGCAATGAGATGTGCGGCTG 676
QY 421 CCCAGCTGGGACTGCCCCAGCCCCCAAGAGATACAGGTGCCAGAAAGTGTGCCCCGAG 480
Db 677 CCCAGCTGGGACTGCCCCAGCCCCCAAGAGATACAGGTGCCAGAAAGTGTGCCCCGAG 736
QY 481 TGGGTATGTGACCAAGGAGTGA---CACCGCGATCCAGCGCTCCACGGCGCAAGGACAC 537
Db 737 TGGGTATGTGACCAAGGAGTGA---CACCGCGATCCAGCGCTCCACGGCGCAAGGACAC 796
QY 538 CAACTTTCTGCGCTTGTCACTCCTGCTGTGATGCTCCTTGTCCAAATTGAGACACA 597
Db 797 CAACTTTCTGCGCTTGTCACTCCTGCTGTGATGCTCCTTGTCCAAATTGAGACACA 856
QY 598 GCCTGGGGGCCCTGTCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCA 657
Db 857 GCCTGGGGGCCCTGTCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCA 916
QY 658 AACCAGATTCTGCCAAGTGAAGATCCAAACGCGCGCTGTGTCTGCCCGACACCTGCTGCA 717
Db 917 AACCAGATTCTGCCAAGTGAAGATCCAAACGCGCGCTGTGTCTGCCCGACACCTGCTGCA 976
QY 718 GCCAGAGGCCACAGCTCATGGAACAGTGTCTTCTA 752
Db 977 TCCAGAGGCCACGCGCTCATGGAACAGTGTCTTCTA 1011
RESULT 2
US-09-182-145-18/c
; Sequence 18, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; EARLIER FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-182-145-18
Query Match 87.5%; Score 659; DB 4; Length 1734;
Best Local Similarity 93.0%; Pred. No. 2.5e-162;

Matches 702; Conservative 0; Mismatches 50; Indels 3; Gaps 1;
QY 1 ATGAGGGGAGCCCACTGATCCATCTTCTGGCCACTTCTCTCTGCTTCTCAATG 60
Db 1478 ATGAGGGGAGCCCACTGATCCATCTTCTGGCCACTTCTCTCTGCTTCTCAATG 1419
QY 61 GTGTGTGCCCCAGCTGTGCGGACACCCCTGTACTGTCTTGTGACACCAACCCAGTGCCA 120
Db 1418 GTGTATTCAGCTGTGCGGACACCCCTGTACTGTCTTGTGACACCAACCCAGTGCCA 1359
QY 121 CAGGGGTACCCCTGTGTGATGAGTGGCTGTGCTGTGCTGTAAAGTGTGTGACGAGGCTG 180
Db 1358 CCGGGGTACCCCTGTGTGATGAGTGGCTGTGCTGTGCTGTGCAAGTGTGTGACGAGGCTG 1299
QY 181 GGGGAGTCTCTGCGACCACTTGATGTCTGCGACCCCGACGAGGCGCTGTTGTCAAGCT 240
Db 1298 GGGGAGTCTCTGCGACCACTTGATGTCTGCGACCCCGACGAGGCGCTGTTGTCAAGCT 1239
QY 241 GGGGAGGCGCCCTGGCGGCAATGGGGCTGTGTCTCTTGTGATGAGATGACGAGTGTCTGT 300
Db 1238 GGGGAGGCGCCCTGGCGGCAATGGGGCTGTGTCTCTTGTGATGAGATGACGAGTGTCTGT 1179
QY 301 GAGGTGAATGGCCGACAGTACTGTGATGAGAGACCTTTAAACCAATTGACAGGCTCTG 360
Db 1178 GAGGTGAATGGCCGACAGTACTGTGATGAGAGACCTTTAAACCAATTGACAGGCTTTTG 1119
QY 361 TGCCGCTGTGATGACGGTGGCTTCACTGCTGCTGCTGCTGCAAGTGTGCGGCTG 420
Db 1118 TGCCGCTGTGATGACGGTGGCTTCACTGCTGCTGCTGCTGCAAGTGTGCGGCTG 1059
QY 421 CCCAGCTGGGACTGCCCCAGCCCCAAGAGATACAGGTGCCAGAAAGTGTGCCCCGAG 480
Db 1058 CCCAGCTGGGACTGCCCCAGCCCCAAGAGATACAGGTGCCAGAAAGTGTGCCCCGAG 999
QY 481 TGGGTATGTGACCAAGGAGTGA---CACCGGATCCAGCGCTCCAAGGCGCAAGGACAC 537
Db 998 TGGGTATGTGACCAAGGAGTGA---CACCGGATCCAGCGCTCCAAGGCGCAAGGACAC 939
QY 998 TGGGTATGTGACCAAGGAGTGA---CACCGGATCCAGCGCTCCAAGGCGCAAGGACAC 939
Db 938 CAACTTTCTGCGCTTGTCACTCCTGCTGTGATGCTCCTTGTCCAAATTGAGACACA 597
QY 538 CAACTTTCTGCGCTTGTCACTCCTGCTGTGATGCTCCTTGTCCAAATTGAGACACA 597
Db 938 CAACTTTCTGCGCTTGTCACTCCTGCTGTGATGCTCCTTGTCCAAATTGAGACACA 879
QY 598 GCCTGGGGGCCCTGTCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCA 657
Db 878 GCCTGGGGGCCCTGTCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCA 819
QY 658 AACCAGATTCTGCCAAGTGAAGATCCAAACGCGCGCTGTGTCTGCCAGAACCTGCTGCA 717
Db 818 AACCAGATTCTGCCAAGTGAAGATCCAAACGCGCGCTGTGTCTGCCAGAACCTGCTGCA 759
QY 718 GCCAGAGGCCACAGCTCATGGAACAGTGTCTTCTA 752
Db 758 TCCAGAGGCCACGCGCTCATGGAACAGTGTCTTCTA 724
RESULT 3
US-09-182-145-13
; Sequence 13, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B

; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 13
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-182-145-13

Query Match 67.8%; Score 510.4; DB 4; Length 1293;
Best Local Similarity 79.9%; Pred. No. 1.1e-123;
Matches 601; Conservative 0; Mismatches 151; Indels 0; Gaps 0;

QY 1 ATGAGGGGAGCCCACTGATCCATCTTGGCCACTTCCTCTGCTCTCTCAATG 60
DB 22 ATGAGAGGCACACGAGACCACCTCTGCTCTCTCTCTCTCTCTCTCAAG 81
QY 61 GTGTGTCCCACTGTGCGGACACCCCTGTACTGTCTTGGACACACCCAGTCCCA 120
DB 82 GTGCGTACCAAGCTGTGCGGACACCATGTACTGCCCCCTGCGCACCTCCCGATGCCG 141
QY 121 CAGGGGTACCCCTGTGTCTGTGATGCTGTGCTGTGTAAGTGTGACGAGGCTG 180
DB 142 CTGGAGTACCCCTGTGTCTGTGATGCTGTGCTGTGCTGCGGATGTGACGCGGCTG 201
QY 181 GGGGAGTCTTGGACCACTGATGTCTGCGACCCCAAGGCGCTGTTGTACGCT 240
DB 202 GGGGAGCCCTGCGACCACTCCAGTCTGCGACGCGCAAGGCGCTGTGCTCCAGCC 261
QY 241 GGGGAGGCCCTGCGGCGCATGCGGCTGTGTCTCTTGGATGAGGATGACGTAAGT 300
DB 262 GGGGACAGGACCCGCTGTGCGGCGGCGCTGTGCTCTTGGACAGGACGACGAGTGT 321
QY 301 GAGGTGAATGCGCGCAGGTAACCTGATGAGAGACCTTTAAACCAATTGCAAGGTCCTG 360
DB 322 GAGGTGAACGCGCGCTGTATCGGGAAGGGAAGCACTTCCAGCCCACTGTGACGATCCGC 381
QY 361 TGCCGCTGTGATGACGCTGCTTCACTGCTGCGCTGTGACGTGAGATGTGCGGCTG 420
DB 382 TGCCGCTGCGAGACGCGGCTTCACTGCTGCTGCTGTGACGAGATGTGCGGCTG 441
QY 421 CCCAGCTGGACTGCGCACGCCCCAAGAGAAATACAGGTGCCAGAAAGTGTGCCCCGAG 480
DB 442 CCCAGCTGGACTGCGCACGCCCCAAGAGAGGTGAGTCTGCGCAAGTGTGCCCCGAG 501
QY 481 TGGGTATGTGACCAAGGAGTGAACACCGCGGATCCAGCGCTCCAGCGCGCAAGACACCAA 540
DB 502 TGGGTGTGCGGCAAGAGAGGGGGAAGTGGGGAACCCAGCCCCCTTCCAGCCCAAGAGAGCC 561
QY 541 CTTTCTGCTTGTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 600
DB 562 TTTTCTGCTTGTGCTTCTTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 621
QY 601 TGGGGCCCTGCTCAACCACTGTGCGGCTGCGCATAGCCACCGAGTGTCCAACCAAGAAC 660
DB 622 TGGGACCTGTGCTCAACCACTGTGCGGCTGCGCATAGCCACCGGCTGTCCAACCAAGAAC 681
QY 661 CGATTCTGCAACTGAGATCCAAAGCGCGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
DB 682 CGCTTCTGCGAGTGAAGACCAAGCGCGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 741
QY 721 AGGAGCCACAGCTCATGGAACAGTGTCTTA 752
DB 742 AGGGGTGCGAGTCCACAACAAGAGTGTCTTA 773

RESULT 4
US-09-182-145-14/c

; Sequence 14, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 14
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-182-145-14

Query Match 67.8%; Score 510.4; DB 4; Length 1293;
Best Local Similarity 79.9%; Pred. No. 1.1e-123;
Matches 601; Conservative 0; Mismatches 151; Indels 0; Gaps 0;

QY 1 ATGAGGGGAGCCCACTGATCCATCTTGGCCACTTCCTCTGCTCTCTCAATG 60
DB 1272 ATGAGAGGCACACGAGACCACCTCTGCTCTCTCTCTCTCTCTCTCAAG 1213
QY 61 GTGTGTCCCACTGTGCGGACACCCCTGTACTGTCTTGGACACACCCAGTCCCA 120
DB 1212 GTGCGTACCAAGCTGTGCGGACACCATGTACTGCCCCCTGCGCACCTCCCGATGCCG 1153
QY 121 CAGGGGTACCCCTGTGTCTGTGATGCTGTGCTGTGCTGTGTAAGTGTGACGAGGCTG 180
DB 1152 CTGGAGTACCCCTGTGTCTGTGATGCTGTGCTGTGCTGCTGCTGCGGATGTGCAAGGCGCTG 1093
QY 181 GGGGAGTCTGCGACCACTGATGTCTGCGACCCCAAGGCGCTGTTGTACGCT 240
DB 1092 GGGGAGCCCTGCGACCACTCCAGTCTGCGACGCGCAAGGCGCTGTGCTGCGAGCC 1033
QY 241 GGGGAGGCCCTGCGGCGCATGCGGCTGTGTCTCTTGGATGAGATGACGTAAGTGT 300
DB 1032 GGGGAGGACCCGCTGTGCGGCGGCGCTGTGCTCTTGGACAGAGAGACAGACAGTGT 973
QY 301 GAGGTGAATGCGCGCAGGTAACCTGATGAGAGAGACCTTTAAACCAATTGCAAGGTCCTG 360
DB 972 GAGGTGAACGCGCGCTGTATCGGGAAGGGAAGACCTTCCAGCCCACTGCAAGATCCGC 913
QY 361 TGCCGCTGTGATGACGCTGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420
DB 912 TGCCGCTGCGAGAGAGCGGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 853
QY 421 CCCAGCTGGACTGCGCACGCCCCAAGAGAAATACAGGTGCCAGAAAGTGTGCCCCGAG 480
DB 852 CCCAGCTGGACTGCGCACGCCCCAAGAGAGGTGAGGTCTGCGCAAGTGTGCGGCTGAG 793
QY 481 TGGGTATGTGACCAAGGAGTGAACACCGCGGATCCAGCGCTCCAGCGCGCAAGACACCAA 540
DB 792 TGGGTGTGCGGCAAGAGAGGAGTGGGGAACCCAGCCCTTCCAGCCCAAGAGACCCAG 733
QY 541 CTTTCTGCTTGTCACTCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 600
DB 732 TTTTCTGCTTGTCTCTTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 673

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QY 601 TGGGGCCCTGCTCAACCACTGTGGGCTGGCATAGCCACCCGAGTGTCCAACGAGAAC 660
Db 672 TGGGGACCTGCTCGACCACTGTGGGCTGGGATGCGCCACCCGGGTGTCCAACGAGAAC 613
QY 661 CGATTTCGCCAAGTGAAGATCCAAAGCGCCCTGTGTCTGTGCCAGAACCTGCTGGCAGCC 720
Db 612 CGCTTTCGCACTGAGAGACCCAGCGCCCTGTGTCTGTCCAGAGCCCTGCCCCACCTCC 553
QY 721 AGAGCCACAGCTCATGGAACAGTCTTCTA 752
Db 552 AGGGTGCAGTCCACAAAACAGTCCCTTCTA 521

RESULT 5
US-09-182-145-38
; Sequence 38, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 38
; LENGTH: 738
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-182-145-38

Query Match 66.6%; Score 501.2; DB 4; Length 738;
Best Local Similarity 79.9%; Pred. No. 2.3e-121;
Matches 590; Conservative 0; Mismatches 148; Indels 0; Gaps 0;
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QY 373 GACGGTGGCTTACCTGCTGCGCTGTGTGAGAGATGTGCGGCTGCGCCAGCTGGGAC 432
Db 361 GACGGGCTTACCTGCGCTGTGTGAGAGATGTGCGGCTGCGCCAGCTGGGAC 420
QY 433 TGCCCCAGCCCCAAGAAATACAGGTGCCAGGAAAGTCTGCCCCGAGTGGGTATGTGAC 492
Db 421 TGCCCCAGCCCCAGAGGGTGAAGTCTGGGCAAGTCTGCCCCTGAAGTGGGTGCGGC 480
QY 493 CAGGAGTGACACCGCGCATCCAGCGCTCCAGCGCGCAAGAGACACCACTTTCTGCCCTT 552
Db 481 CAAGAGGGGACTGGGAGACCCAGCCCTTCCAGCCCAAGAGACCCAGTTTCTGGCCTT 540
QY 553 GTCACTCTGCTCTGTGATGCTCTTGTCCAAATTGAGACACAGCTGGGGCCCTGC 612
Db 541 GTCTCTTCCCTGCCCCCTGTGTCTCCCTGCCCCAGAAATGAGACAGGCTGGGAGCCCTGC 600
QY 613 TCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCAAGACGATTCTGCCAA 672
Db 601 TCGACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCAAGACGATTCTGCCAA 660
QY 673 CTGAGATCCAAAGCGCTGTGTCTGCCAGACCTGCTGGCAGCCAGAGCCAGAC 732
Db 661 CTGAGAGCCAGCGCGCTGTGTCTGCCAGCCCTGCCCCACCTCCAGGGGTGCGAGT 720
QY 733 TCATGGAACAGTCTTTC 750
Db 721 CCACAAAACAGTCTTTC 738
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RESULT 6
US-09-182-145-39
; Sequence 39, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 39
; LENGTH: 841
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-841
; OTHER INFORMATION: Sequence is synthesized.
; Patent No. 6387657
; US-09-182-145-39
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Query Match 65.9%; Score 496.4; DB 4; Length 841;
Best Local Similarity 79.7%; Pred. No. 4.2e-120;
Matches 599; Conservative 0; Mismatches 151; Indels 2; Gaps 1;
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Db      12 ATGAGAGGACACCGAAGACCACCTCGGCTTCTCCCTCCTGCTCCTCTCAAG 71
QY      61 GTGTGCCCCAGCTGTGCCCCGACACCCCTGTAACCTGTCTTGAGACACCCAGTGCCCA 120
Db      72 GTGCGTACCCAGCTGTGCCCCGACACCATGTACTGCCCCCTGGCCACCTCCCCGATGCCCG 131
QY      121 CAGGGGCTACCCCTGTGTGCTGTGATGGCTGTGCTGTAAAGTGTGTGACGAGGCTG 180
Db      132 CTGGAGTACCCCTGTGTGTGTGATGGCTGTGCTGTGCTGCGGGTATGTGACGCGGCTG 191
QY      181 GGGAGTCTGCGACCACTGCAATGTCTGCGACCCGACGAGGCTGTGTTGTGACGCT 240
Db      192 GGGAGCCCTGCGACCACTGCAATGTCTGCGACGCGAGGCTGTGCTGCGAGCCG 251
QY      241 GGGCAGGCCCTGGCGCCATGAGGCTGTGTGTCTTGTGATGAGATGACGTAAGTGT 300
Db      252 GGGCAGGACCCGCTGGCGCGGGGCGGCTGTGCTTGTGAGAGAGACAGCAGCTGT 311
QY      301 GAGGTGAATGGCCGAGGTACCTGATGAGAGACCTTTAAACCCCAATTGCAAGGCTCTG 360
Db      312 GAGGTGAACGGCCGCTGTATCGGGAAGGAGAGACCTTCAAGCCCCCACTGCAAGCATCCGC 371
QY      361 TGCCGCTGTGATGACGGTGGCTTACCTGCTGCTGCTGCTGCTGCAATGAGATGTGCGGCTG 420
Db      372 TGCCGCTGCGAGAGCGGCGCTTACCTGCTGCTGCTGCTGCTGCAAGATGTGCGGCTG 431
QY      421 CCCAGCTGGAGTGGCCCAAGCCCAAGAGATACAGGTGCGCAGGAAAGTGTGCTGCCCCGAG 480
Db      432 CCCAGCTGGAGTGGCCCAAGCCCAAGAGATGAGGTGCTGCGCAAGTGTGCCCCGAG 491
QY      481 TGGGTATGTGACAGGAGTGAACACCGCGCATCCAGCTCCACGCGCAAGAGACCAAC 540
Db      492 TGGGTGTGCGGCAAGAGAGGGGAGTGGGAGACCACTTCCA--GCCAAGAGACCCGAG 549
QY      541 CTTTCTGCCCCCTGTCACTCTGCTCTGTGATGTCTCTTGTCCAATGAGACACAGCC 600
Db      550 TTTTCTGCCCCCTGTCTCTTCCCTGCCCCCTGTGTCTCTCCAGATGAGACAGCGCC 609
QY      601 TGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAATAGCCACCCGAGTGTCCAACCAAG 660
Db      610 TGGGAGCCCTGCTCAACCACTGTGGGCTGGGCAATAGCCACCCGAGTGTCCAACCAAG 669
QY      661 CGATTCTGCCAATGAGATCCCAAGCGCGCTGTGTCTGCCAGACCTGCTGCGAGCC 720
Db      670 CGCTTCTGCCAGTGAAGACCCAGCGCGCTGTGTCTGCCAGGCGCTGCGCCACCTCC 729
QY      721 AGGAGCCACAGCTCATGGAACAGTGTCTTA 752
Db      730 AGGGGTGCGAGTCCACAACAAGTGTCTTA 761

RESULT 7
US-09-023-655-790
; Sequence 790, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

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SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 790:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 647 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: LUNGRTU02
; CLONE: 692911
; US-09-023-655-790

Query Match      40.2%; Score 303; DB 4; Length 647;
Best Local Similarity 78.7%; Pred. No. 8.5e-70;
Matches 374; Conservative 0; Mismatches 100; Indels 1; Gaps 1;

QY      278 TGATGAGATGACGAGTAGCTGTGAGGTGAATGCGCCAGGTACTGATGAGAGACCT 337
Db      10 TGGCAGAGACGACGACGAGCTGTGAGGTGAACGCGCCCTGTATCGGGAAGGGAGACCT 69
QY      338 TTAACCCAATTGCAAGGCTCTGTGCGCTGTGATGACGGTGTCACTGCTGCTGCGCC 397
Db      70 TCCAGCCCACTGCAAGCATCCGCTGCGCTGCGAGAGACGGCGCTTCACTGCGTCCGC 129
QY      398 TGTGAGTGAAGATGCGGCTGCGCACTGGAGCTGCCACGCGCCCAAGAGATACAGG 457
Db      130 TGTGAGGAGAGATGTGCGGCTGCGCACTGGAGCTGCCACGCGCGCTTCACTGCGTCCGC 189
QY      458 TGCCAGAAAGTGTGCTGCCCGAGTGGATGTGACCAAGAGAGTGAACCGCGATCCAGC 517
Db      190 TCCTGGGAGAGTGTGCTGCCCTGAGTGGTGTGCGCCAGAGAGGGGACTGGGGA-CCAGC 248
QY      518 GCTCCAGCGCGCAAGGACACCACTTTCTGCCCTTGTCACTCCTGCTCTGTGATGCTC 577
Db      249 CCTTCCAGCCCAAGGACCCCAAGTTTCTGCGCTTGTCTCTTCCCTGCGCCCTGTGTCC 308
QY      578 CTTGTCCAATTGAGACACAGCGCTGGGCGCCCTGCTCAACCACTGTGGGCTGGGCATAG 637
Db      309 CCGTCCCAAGATGAGACAGCGCGCTGGGACCTGTCTGACCACTGTGGGCTGGGCATAG 638
QY      638 CCACCCGAGTGTCCAACCAAGACCGATTTCTGCCAATGAGATGCAACGCGCGCTGTGTC 697
Db      369 CCACCCGAGTGTCCAACCAAGACCGCTTCTGCCAATGAGATGCAACGCGCGCTGTGTC 428
QY      698 TGCCAGACCTGCTGCTGGCAGCCAGAGCCACAGCTCATGGAACAGTGTCTTA 752
Db      429 TGTCCAGGCGCTGCCACCTCCAGGGGTGCAAGTCCACAACAAGTGTCTTA 483

RESULT 8
US-08-167-628-1
; Sequence 1, Application US/08167628
; Patent No. 5408040
; GENERAL INFORMATION:
; APPLICANT: Grotenhorst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
```



```

CORRESPONDENCE ADDRESS:
ADDRESSER: Spensley Horn Jubas & Lubitz
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,628
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/752,427
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-08-167-628-1

Query Match          21.6%; Score 163; DB 1; Length 2075;
Best Local Similarity 56.2%; Pred. No. 3.2e-33;
Matches 351; Conservative 0; Mismatches 265; Indels 9; Gaps 2;

QY      102 GACACCAACCCCAAGTGCACACAGGGGGTACCCCTGTGTGATGATGCTGTGCTGTAA 161
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      243 GCCGGCGCCCGCGCTGCCCCGGGGCGGTGAGCCTCGTGTGACGGCTGCGGCTGCCG 302

QY      162 AGTGTGTGCACCGAGGCTGGGGGAGTCTTGCGAACCACTGCATGTCCGACCCCA 221
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      303 CTTGTGCGCCAAAGCAGCTGGGGCAGCTGTGCACCGAGCGGCAACCCCTGCCACCCGACAA 362

QY      222 GGGCCTGTTTGTTCAGCCTGGGGCAGGCCCTTGCGGCCCATGCGGCTGTGTCTTGA 281
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      363 GGGCCTCTTCTGTGACTTGGCTCCCGGCCCAACCGCAAGATCGGCTGTG---CACCGC 419

QY      282 TGAGATGACGCTAGCTGTGAGGTGAATGCGCGCAGGTACCTGATGAGAGACCTTAA 341
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      420 CAAGATGTGTCTCCCTGCATCTTCGTTGTACCGTGTACCGTACCGAGAGAGTCTTCA 479

QY      342 ACCCAATTGCAGGGTCTGTGCGGCTGTGATGACGGTGTGCTTACCTGCTGCCGTGTG 401
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      480 GAGCAGCTGCAAGTACCAAGTCACGCTGACGCGGAGCGGTGGCTGCATGCCCTGTG 539

QY      402 CAGTGAGATGTGCGGCTGCCCAAGCTGGGACTGCCCCAGCGCCCAAGAGATAAGGTGCC 461
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      540 CAGCATGACGTTCTGTCTGCCCAAGCCCTGACTGCCCTTCCCGAGGGGTCAAAGCTGCC 599

QY      462 AGGAAAGTGTGCCCCGAGTGGGTATGTGACCAAGGAGTGAACCGGCGATCCAGCGCTC 521
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db      600 CGGGAATGTCTCGAGGAGTGGGTGTGTGACGAGCCCAAGGACCAACCGTGTGGGCC 659

522 CACGGCGCAAGGACACCAACTTTCTGCCCTTGTCACTCCTGCTCTGTGAT-----GC 575

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Db TGCCTCGCGCTTACCGACTGAGAAGACAGTCTTGCCCGACGCCAATATGATTAGAGC 719

QY TCCTTGTCCAATTTGAGCAGACCTGGGGCCCTGCTCAACCACTGTGGGCTGGGCAT 635

Db CAACTGCGCTGGTCCAGACCAAGAGTGAAGCGCCTGTTCCAAGACCTGTGGGATGGGCAT 779

QY AGCCACCCGAGTGTCCCAACCAACCGATTCTGCCAATGAGATCCAGCGCCCTGTG 695

Db CTCACCCCGGGTTACCAATGACACAGCGCTCTGCAAGCTAGAGAAAGCAGAGCGCGCTGTG 839

QY TCTGCCAGAACCTGTGCTGGCAGCC 720

Db CATGATCAGGCGCTTGCGAAGCTGAC 864

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RESULT 9
US-08-386-680-1
; Sequence 1, Application US/08386680
; Patent No. 5585270
; GENERAL INFORMATION:
; APPLICANT: Grotendorst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.,
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/386,680
; FILING DATE: 10-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/167,628
; FILING DATE:
; APPLICATION NUMBER: US/07/752,427
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr. Ph.D., John W.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-1294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: DB60R32
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 130..1177
; US-08-386-680-1

Query Match          21.6%; Score 163; DB 1; Length 2075;
Best Local Similarity 56.2%; Pred. No. 3.2e-33;
Matches 351; Conservative 0; Mismatches 265; Indels 9; Gaps 2;

102 GACACCACCCAGTGCACAGGGGATACCCCTGTGTGATGGCTGTGGCTGTCTAA 161
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Db 243 GCCGCGCCGCGCTGCCCCGCGCGCTGAGCCTCTGTGCTGAGCGGCTGCGGCTGCTGCCG 302
QY 162 AGTGTGTGACGAGAGCTGGGGAGTCTCGGACCACCTGCACTGTGCGACCCAGCCA 221
Db 303 CGTCTGCGCCAGACAGCTGGGCGAGCTGTGCAACCGAGCCGACCCCTGCGACCCGACAA 362
QY 222 GGGCCTGTTTGTGACCTGGGGCGAGGCGCTGGCGCCATGGGGCTGTGTCTCTTGA 281
Db 363 GGGCCTCTTCTGTGACTTGGGCTCCCCGGCCAAACCGCAAGATCGCGTGTG--CACCGC 419
QY 282 TGAGATGACGCTAGCTGTGAGTGAATGCGCGAGGTACCTGATGAGAGACCTTAA 341
Db 420 CAAGATGCTGCTCCCTGCACTTCGCTGTACCGGTACCGGAGAGTCTTCCA 479
QY 342 ACCCAATTGAGGGGTCTGTGCGGCTGTGATGACGCTGCTCACTGCTGCGCTGTG 401
Db 480 GAGCAGCTGCAAGTACCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCA 539
QY 402 CAGTGAAGATGTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCG 461
Db 540 CAGCATGAGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 599
QY 462 AGGAAAGTGTGCCCCGAGTGGGTATGTGACCAAGGAGTGAACCGGCGATCCAGCGCTC 521
Db 600 CGGGAATGCTGCGAGAGTGGGTGTGTGACGAGCCCAAGAGCAAAACCGTGTGGGCC 659
QY 522 CACGGCGCAGAGACCAACCTTCTGCGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTG 575
Db 660 TGCCCTCGCGCTTACCGACTGGAAGACGTTTGGCCAGACCACTATGATTAGAGC 719
QY 576 TCCCTGTCCAATTGAGACACAGCCTGGGCGCCCTGCTCAACCACTGTGGCTGGCAT 635
Db 720 CAAGTGTGCTGCTGCAAGACACAGAGTGAAGCGCTGTTCAGAGCTGTGGATGGCAT 779
QY 636 AGCCACCCGAGTGTCCAACCAAGATTTCTGCCACTGAGATCCAACCGCGCTGTG 695
Db 780 CTCCACCCGGGTACCAATGACACGCTCTGAGGCTAGAGAAAGAGCGCGCTGTG 839
QY 696 TCTGCCAGACCCCTGCTGGCAGCC 720
Db 840 CATGCTCAGGCTTGGCAAGCTGAC 864

RESULT 10

US-08-459-717-1
; Sequence 1, Application US/08459717
; Patent No. 5770209
; GENERAL INFORMATION:
; APPLICANT: Grotendorst, Gary R.
; APPLICANT: Bradham Jr., Douglas M.,
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,717
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/752,427
; FILING DATE: 30-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr. Ph.D., John W.

REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: DB60R32
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 130..1177
US-08-459-717-1

Query Match 21.6%; Score 163; DB 1; Length 2075;
Best Local Similarity 56.2%; Pred. No. 3.2e-33;
Matches 351; Conservative 0; Mismatches 265; Indels 9; Gaps 2;

QY 102 GACACCAACCCCAAGTGCACAGAGGGGTACCCCTGTGTGATGAGTGGCTGTGTTAA 161
Db 243 GCCGCGCCGCGCTGCGCGCGCGCGGTGAGCCTGCTGTGACGCGGCTGCTGCCG 302
QY 162 AGTGTGTGACGAGGCTGGGGAGTCTCTGCGACCACTGCATGTCTGCGACCCAGCCA 221
Db 303 CGTCTGCGCCAGCAGCTGGGCGAGCTGTGACCGAGCGGACCCCTGCGACCCGACAA 362
QY 222 GGGCCTGTTTGTGACGCTGGGGCAGGCGCTGCGGCGCATGGGGCTGTGTCTCTTGA 281
Db 363 GGGCCTCTTCTGTGACTTGGGCTCCCCGGCCAAACCGATCGCGCTGTG--CACCGC 419
QY 282 TGAGATGACGCTAGCTGTGAGTGAATGAGCGCGCAAGTACCTGATGAGAGACCTTAA 341
Db 420 CAAGATGCTGCTCCCTGCACTTCGCTGTGATCGGTGTACCGGATCCGAGAGATCTTCCA 479
QY 282 TGAGATGACGCTAGCTGTGAGTGAATGAGCGCGCAAGTACCTGATGAGAGACCTTAA 341
Db 420 CAAGATGCTGCTCCCTGCACTTCGCTGTGATCGGTGTACCGGATCCGAGAGATCTTCCA 479
QY 342 ACCCAATTGAGGGGTCTGTGCGGCTGTGATGACGCTGCTTCACTGCTGCGCTGTG 401
Db 480 GAGCAGCTGCAAGTACCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCA 539
QY 402 CAGTGAAGATGTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCGGCTGCG 461
Db 540 CAGCATGAGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 599
QY 462 AGGAAAGTGTGCCCCGAGTGGGTATGTGACCAAGGAGTGAACCGGCGATCCAGCGCTC 521
Db 600 CGGGAATGCTGCGAGAGTGGGTGTGTGACGAGCCCAAGAGCAAAACCGTGTGGGCC 659
QY 522 CACGGCGCAGAGACCAACCTTCTGCGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTG 575
Db 660 TGCCCTCGCGCTTACCGACTGGAAGACAGCTTTGGCCAGACCACTATGATTAGAGC 719
QY 576 TCCCTGTCCAATTGAGACACAGCCTGGGGCGCCCTGCTCAACCACTGTGGCTGGCAT 635
Db 720 CAAGTGTGCTGCTGCAAGACACAGAGTGAAGCGCTGTTCAGAGCTGTGGATGGCAT 779
QY 636 AGCCACCCGAGTGTCCAACCAAGATTTCTGCCACTGAGATCCAACCGCGCTGTG 695
Db 780 CTCCACCCGGGTACCAATGACACGCTCTGAGGCTAGAGAAAGAGCGCGCTGTG 839
QY 696 TCTGCCAGACCCCTGCTGGCAGCC 720
Db 840 CATGCTCAGGCTTGGCAAGCTGAC 864

RESULT 11

US-08-712-302-1
; Sequence 1, Application US/08712302
; Patent No. 5783187
; GENERAL INFORMATION:

APPLICANT: Grotendorst, Gary R.
APPLICANT: Bradham Jr., Douglas M.,
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/712,302
FILING DATE: 11-SEP-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/386,680
FILING DATE: 10-FEB-1995
APPLICATION NUMBER: US/08/167,628
FILING DATE:
APPLICATION NUMBER: US/07/752,427
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-08-712-302-1

Query Match 21.6%; Score 163; DB 1; Length 2075;
Best Local Similarity 56.2%; Pred. No. 3.2e-33;
Matches 351; Conservative 0; Mismatches 265; Indels 9; Gaps 2;
QY 102 GACACACACCCAGTGGCCACAGGGGGTACCCCTGGTGTGATGCTGTGCTGTAA 161
DB 243 GCCGGCGCGCGCTGCCCGGGCGGTGAGCCTGCTGTGACGGCTGCGCTGCCG 302
QY 162 AGTGTGTGACGAGGCTGGGGAGTCTCTGACCACTGATGTCTGCAACCCAGCCA 221
DB 303 CGTCTGCCCAAGCAGCTGGCGAGCTGTGACCAAGCGGAGCCCTGCGACCCGACAA 362
QY 222 GGGCCTGTTGTGACGCTGGGGCAGGCGCCTGGCGGCCATGGGGCTGTGTCTTGA 281
DB 363 GGGCCTTCTGTGACTTGGGCTCCCCGCCAACCGCAAGATGGCGTGTG---CACCGC 419
QY 282 TGAGGATGACGAGTACGCTGTGAGGTGAATGAGCCGCAAGTACCTGATGAGAGACCTTAA 341
DB 420 CAAAGATGTGCTCCCTGCACTTCCGCTGTGTAACGGTGAACCGCAGAGAGTCTTCCA 479
QY 342 ACCCAATTGCAGGGTCTGTGGCGCTGTGATGACCGGTGCTTCACTGCTGCCGCTGTG 401
DB 480 GAGCAGCTGCAAGTACCACTGACAGTGCCTGAGCGGGCGGTGGGCTGCATGCCCTGTG 539
QY 402 CAGTGAGGATGTGGCGCTGCCCAAGCTGGGACTGCCACGCCCCCAAGAGATACAGGTGCC 461

DB 540 CAGCATGAGCGTTCGTCTGCCCCAGCCCTGACTGCCCCCTTCCGAGAGGGTCAAGCTGCC 599
QY 462 AGGAAAGTCTGCCCCGAGTGGTATGTGACCAAGGAGTGAACCGCGATCCAGCGCTC 521
DB 600 CGGAAATGCTGCGAGAGTGGTGTGTGACGAGCCCAAGACCAACCGTGTGGGCC 659
QY 522 CACGGCGCAAGACACCACTTCTGCCCCCTGTGACTCTGCTGCTGAT-----GC 575
DB 660 TGCCCTGCGCGCTTACCGACTGGAAGACAGCTTTGGGCCAGACCACTATGATTAGAGC 719
QY 576 TCCTTGTCCAATTGAGACAGCCTGGGGCCCTGCTCAACCACTGTGGGCTGGGCAT 635
DB 720 CAAGTGGCTGTCCAGACCAAGAGTGAAGCGCTGTTCAGAGACCTGTGGGATGGCAT 779
QY 636 AGCCACCCGAGTGTCCACCAAGACCGATTTCTGCCAAGTGAAGATCCAAAGCGCGCTGTG 695
DB 780 CTCACCCCGGTTACCAATGACACGCTCTGCAAGCTAGAGAGACAGAGCGCGCTGTG 839
QY 696 TCTGCCAGACCCCTGCTGGCAGCC 720
DB 840 CATGTCAGGCTTGCAGAGCTGAC 864

RESULT 12
US-08-880-031-1
Sequence 1, Application us/08880031
Patent No. 5916756
GENERAL INFORMATION:
APPLICANT: Grotendorst, Gary R.
APPLICANT: Bradham Jr., Douglas M.,
TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/880,031
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/167,628
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr. Ph.D., John W.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: PD-1294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2075 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
CLONE: DB60R32
FEATURE:
NAME/KEY: CDS
LOCATION: 130..1177
US-08-880-031-1

QY 696 TCTGCCAGACCTTGCCTGGACCC 720
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Db 840 CATGTCAGGCTTGGCAAGCTGAC 864

RESULT 14

US-09-080-715-1

; Sequence 1, Application US/09080715
; Patent No. 6190884
; GENERAL INFORMATION:
; APPLICANT: Grotendorf, Gary R.
; APPLICANT: Bradham Jr., Douglas M.,
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/080,715
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/167,628
; FILING DATE:
; APPLICATION NUMBER: US/07/752,427
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr. Ph.D., John W.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-1294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; IMMEDIATE SOURCE:
; CLONE: DB60R32
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 130..1177
; US-09-080-715-1

Query Match 21.6%; Score 163; DB 3; Length 2075;
Best Local Similarity 56.2%; Pred. No. 3.2e-33;
Matches 351; Conservative 0; Mismatches 265; Indels 9; Gaps 2;

QY 102 GACACACACCCAGTGCACAGAGGGGTACCCCTGGTGTGATGAGCTGTGGCTGTAA 161
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Db 243 GCCGGCGCCGCTGCCCGGGCGGTGAGCCTGTGTGAGACGGCTGCGGCTGCGC 302
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QY 162 AGTGTGTGACAGGAGGCTGGGGAGTCTTCCGACCACTGCATGTCTGCCACCCAGCCA 221
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Db 303 CGTCTGCGCAAGCAGCTGGGCGAGCTGTGACCGAGCGGACCCCTGCCACCCGACAA 362
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QY 222 GGGCCTGTTGTACAGCTGGGGCAGGCGCTGGCGCCATGGGGCTGTGTCTTTGA 281
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Db 363 GGGCCTTCTGTGACTTGGGCTCCCGGCCAACCGCAAGATCGGCGTGTG---CACCGC 419
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QY 282 TGAGGATGACGGTAGCTGTGAGGTGAATGCGCGGAGGTACCTGTGATGGAGAGACCTTAA 341

Db 420 CAAGATGTGTCTCCCTGCATCTTCGGTGTACGGTGTACCGCAGCGAGAGTCTTCCA 479
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QY 342 ACCCAATTGAGGGTCTGTGCGCTGTGATGACGGTGGCTTCACTGCGCGCTGTG 401
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Db 480 GAGCAGCTGCAAGTACCAAGTACGTCCTGAGACGGGCGGTGGCTGCATGCCCTGTG 539
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QY 402 CATGAGATGTGCGGCTGCCAGCTGGAGTGTGCCACGCCCCAAGAGATACAGGTGCC 461
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Db 540 CAGCATGACGTCTGCTGCCAGCCCTGACTGCCCTTCCGAGAGAGGTCAAGCTGCC 599
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QY 462 AGGAAGTGTGCCCCGAGTGGTATGTGACCAAGGAGAGTACACCGCGATCCAGCGTC 521
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Db 600 CGGGAATGCTGCGAGAGTGGTGTGTGACGAGGCCCAAGACCAAAACCGTGTGGGCC 659
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QY 522 CACGGGCAAGACACCACTTTCTGCCCTGTCACTCTGCTCTGTAT-----GC 575
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Db 660 TGCCCTGCGGCTTACCGACTGGAAGACACGTTGGCCCAAGACCACTATGATTAGAGC 719
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QY 576 TCCCTGTCCAATTGAGACACAGCTGGGGCCCCCTGTCAACCACTGTGGCTGGCAT 635
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Db 720 CAACTGCTGTTCACAGACACAGAGTGAAGCGCCTGTTCAGAACTGTGGATGGCAT 779
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QY 636 AGCCACCCGAGTGTCCAACCAAGACCGATTCTGCCAAGTGAAGATCCAGCGCGCTGTG 695
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Db 780 CTCACCCGGGTACCAATGACACGCGCTCTGACAGGCTGAGAGACAGACGCGCTGTG 839
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QY 696 TCTGCCAGACCTTGCCTGGCAGCC 720
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Db 840 CATGTCAGGCTTGGCAAGCTGAC 864

RESULT 15

US-09-142-569-7

; Sequence 7, Application US/09142569

; Patent No. 6413735

; GENERAL INFORMATION:
; APPLICANT: Lau, Lester F.
; TITLE OF INVENTION: Extracellular Matrix Signalling Molecules
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,569
; FILING DATE: 02-Apr-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 28758/33766
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2075 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc_feature

OTHER INFORMATION: "CTGF cDNA coding sequence"
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-142-569-7

Query Match 21.6%; Score 163; DB 4; Length 2075;
Best Local Similarity 56.2%; Pred. No. 3.2e-33;
Matches 351; Conservative 0; Mismatches 265; Indels 9; Gaps 2;

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QY 102 GACACCAACCCAGTGGCCCAAGGGGTACCCCTGTGCTGATGGCTGTGCTGTAA 161
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Db 243 GCCGGCGCCGCGCTGCCCGCGGCGGTGAGCCTCTGTGAGCGGCTGTGCGG 302

QY 162 AGTGTGACAGGAGGCTGGGGAGTCTGCGACCACTGCATGTCTGCGACCCCA 221
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Db 303 CGTCTGCCCAAGCAGCTGGGCGAGCTGTGACACCGAGCGACCCCTGCGACCC 362

QY 222 GGGCCTGTTGTCAAGCTGGGGCAGGCCCTGGCGCCATGGGGCTGTGTCTTGA 281
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QY 282 TGAGGATGACGGTAGCTGTGAGGTGATGGCCGCGAGTACCTGATGAGACCTTAA 341
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Db 420 CAAAGATGTGTCTCCCTGATCTTGGTGTACGGTTACCGCAGCGGAGATCTTCA 479

QY 342 ACCCAATTGCAAGGTCTCTGCTGCGCTGTGATGACGGTGCCTTACCTGCTGCG 401
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Db 480 GAGCAGCTGCAAGTACCAAGTGCACGTGCTGACGCGGCGGTGGCTGCATGCC 539

QY 402 CAGTGAGGATGTGCGGCTGCCAGCTGGGACTGCCACGCCCAAGAAATACAGTG 461
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QY 462 AGGAAAGTGTGCCCCGAGTGGGTATGTGACCAAGGAGTGAACCGCGATCCAGC 521
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Db 600 CGGAAATGCTGCGAGGAGTGGGTGTGTGACGAGCCCAAGAACCGGTGGGCC 659

QY 522 CACGGCGCAAGGACCAACTTCTGCCCTTGTCACTCTGCTCTGCTGAT----- 575
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Db 660 TGCCCTCGCGGCTTACCGACTGGAAGACACGTTTGGCCAGACCCAACTATGATT 719

QY 576 TCCTTGTCCAAATTGGAGCAGCCTGGGGCCCTGTCAACCACTGTGGCTGGGCAT 635
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 720 CAACTGCTGTGTCAGACCAAGAGTGAGCGGCTGTTCAGACCTGTGGGATGG 779

QY 636 AGCCACCCGAGTGTCCAAACGAAACCGATTCTGCCAATGAGATCCAAACGCGCT 695
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 780 CTCACCCCGGTTACCAATGACAAAGCCTCTCTGAGGCTAGAGAAAGCAGAGCC 839

QY 696 TCTGCCCAGACCCCTGCGGAGCC 720
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Db 840 CATGCTCAGGCTTGCAGAGCTGAC 864
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Search completed: May 9, 2004, 06:32:35
Job time : 64.9011 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 05:00:41 ; Search time 334.445 Seconds
(without alignments)
10199.232 Million cell updates/sec

Title: US-10-010-408-3

Perfect score: 753
Sequence: 1 ATGAGGGCAGCCCACTGAT.....CATGGAACAGTCTTTCTAA 753

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2941586 seqs, 2264995651 residues

Total number of hits satisfying chosen parameters: 5883172

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA:*

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18:	/cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
19:	/cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	753	100.0	753	US-10-010-408-3	Sequence 3, Appli
2	753	100.0	1708	US-10-010-408-1	Sequence 1, Appli
3	681	90.4	681	US-10-010-408-12	Sequence 12, Appl
4	659	87.5	1734	US-10-112-267-17	Sequence 17, Appl
5	659	87.5	1734	US-10-112-267-18	Sequence 18, Appl
6	510.4	67.8	1266	US-10-147-493-319	Sequence 319, App
7	510.4	67.8	1266	US-10-145-127-319	Sequence 319, App
8	510.4	67.8	1266	US-10-160-503-319	Sequence 319, App
9	510.4	67.8	1266	US-10-143-118-319	Sequence 319, App
10	510.4	67.8	1266	US-10-144-993-319	Sequence 319, App
11	510.4	67.8	1266	US-10-158-787-319	Sequence 319, App
12	510.4	67.8	1266	US-10-140-024-319	Sequence 319, App
13	510.4	67.8	1266	US-10-140-808-319	Sequence 319, App
14	510.4	67.8	1266	US-10-152-405-319	Sequence 319, App

15	510.4	67.8	1266	13	US-10-127-852A-319	Sequence 319, App
16	510.4	67.8	1266	13	US-10-127-900A-319	Sequence 319, App
17	510.4	67.8	1266	13	US-10-128-685A-319	Sequence 319, App
18	510.4	67.8	1266	13	US-10-131-820A-319	Sequence 319, App
19	510.4	67.8	1266	13	US-10-142-886-319	Sequence 319, App
20	510.4	67.8	1266	13	US-10-146-728-319	Sequence 319, App
21	510.4	67.8	1266	13	US-10-147-786-319	Sequence 319, App
22	510.4	67.8	1266	13	US-10-147-499-319	Sequence 319, App
23	510.4	67.8	1266	13	US-10-157-798-319	Sequence 319, App
24	510.4	67.8	1266	15	US-10-028-072-319	Sequence 319, App
25	510.4	67.8	1266	15	US-10-121-049-319	Sequence 319, App
26	510.4	67.8	1266	15	US-10-123-904-319	Sequence 319, App
27	510.4	67.8	1266	15	US-10-140-470-319	Sequence 319, App
28	510.4	67.8	1266	15	US-10-175-746-319	Sequence 319, App
29	510.4	67.8	1266	15	US-10-176-918-319	Sequence 319, App
30	510.4	67.8	1266	15	US-10-176-921-319	Sequence 319, App
31	510.4	67.8	1266	15	US-10-137-865-319	Sequence 319, App
32	510.4	67.8	1266	15	US-10-140-474-319	Sequence 319, App
33	510.4	67.8	1266	15	US-10-142-431-319	Sequence 319, App
34	510.4	67.8	1266	15	US-10-143-114-319	Sequence 319, App
35	510.4	67.8	1266	15	US-10-140-002-319	Sequence 319, App
36	510.4	67.8	1266	15	US-10-142-419-319	Sequence 319, App
37	510.4	67.8	1266	15	US-10-123-262-319	Sequence 319, App
38	510.4	67.8	1266	15	US-10-142-423-319	Sequence 319, App
39	510.4	67.8	1266	15	US-10-121-050-319	Sequence 319, App
40	510.4	67.8	1266	15	US-10-141-755-319	Sequence 319, App
41	510.4	67.8	1266	15	US-10-143-032-319	Sequence 319, App
42	510.4	67.8	1266	15	US-10-123-108-319	Sequence 319, App
43	510.4	67.8	1266	15	US-10-123-236-319	Sequence 319, App
44	510.4	67.8	1266	15	US-10-123-261-319	Sequence 319, App
45	510.4	67.8	1266	15	US-10-140-921-319	Sequence 319, App

ALIGNMENTS

RESULT 1
US-10-010-408-3
; Sequence 3, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellet, Jr.
; TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced C6N-Like Molecules and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214

; INFORMATION FOR SEQ ID NO: 3 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 753 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..750
; SEQUENCE DESCRIPTION: SEQ ID NO: 3 :
US-10-010-408-3

Query Match 100.0%; Score 753; DB 14; Length 753;
Best Local Similarity 100.0%; Pred. No. 7.9e-215;
Matches 753; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGGGCAAGCCCACTGATCCATCTTGGCCCACTTCTCTCTCTCTCTCAATG 60
DB 1 ATGAGGGGCAAGCCCACTGATCCATCTTGGCCCACTTCTCTCTCTCTCTCAATG 60
QY 61 GTGTGTGCCAAGCTGTGCGGACACCTGTGTAACCTGTCTTGGACACCAACCCAGTCCCA 120
DB 61 GTGTGTGCCAAGCTGTGCGGACACCTGTGTAACCTGTCTTGGACACCAACCCAGTCCCA 120
QY 121 CAGGGGGTACCCCTGGTGTGCTGATGGCTGTGCTGTGTAAGTGTGTGCAAGGAGCTG 180
DB 121 CAGGGGGTACCCCTGGTGTGCTGATGGCTGTGCTGTGTAAGTGTGTGCAAGGAGCTG 180
QY 181 GGGAGTCTGCGACCACTGATGCTGCGACCCAGCCAGGCGCTGTTGTCAAGCT 240
DB 181 GGGAGTCTGCGACCACTGATGCTGCGACCCAGCCAGGCGCTGTTGTCAAGCT 240
QY 241 GGGGAGTCTGCGACCACTGATGCTGCGACCCAGCCAGGCGCTGTTGTCAAGCT 300
DB 241 GGGGAGTCTGCGACCACTGATGCTGCGACCCAGCCAGGCGCTGTTGTCAAGCT 300
QY 301 GAGGTGAATGGCCGAGGTACCTGATGAGAGACCTTAAACCAATTGACAGGTCCTG 360
DB 301 GAGGTGAATGGCCGAGGTACCTGATGAGAGACCTTAAACCAATTGACAGGTCCTG 360
QY 361 TGCCGCTGTGATGACGGTGGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 420
DB 361 TGCCGCTGTGATGACGGTGGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 420
QY 421 CCCAGCTGGAGTGGCCCAAGAGATACAGGTGCCAGAAAGTGTGCTGCTGCTGCTGCTG 480
DB 421 CCCAGCTGGAGTGGCCCAAGAGATACAGGTGCCAGAAAGTGTGCTGCTGCTGCTGCTG 480
QY 481 TGGGTATGTACCAAGGAGTGAACCGGCGATCCAGCGCTCCAGCGCGCAAGACACCAA 540
DB 481 TGGGTATGTACCAAGGAGTGAACCGGCGATCCAGCGCTCCAGCGCGCAAGACACCAA 540
QY 541 CTTTCTGCCCTTGTCACTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600
DB 541 CTTTCTGCCCTTGTCACTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600
QY 601 TGGGGCCCTGCTCAACCACTGTGGGCTGGGATAGCCACCCGAGTGTCCAAACAGAAC 660
DB 601 TGGGGCCCTGCTCAACCACTGTGGGCTGGGATAGCCACCCGAGTGTCCAAACAGAAC 660
QY 661 CGATTCTGCGCACTGAGATCCAAAGCGCGCTGTGTGCTGCTGCTGCTGCTGCTGCTG 720
DB 661 CGATTCTGCGCACTGAGATCCAAAGCGCGCTGTGTGCTGCTGCTGCTGCTGCTGCTG 720
QY 721 AGGAGCCACAGCTCATGGAACAAGTCTTTCTAA 753
DB 721 AGGAGCCACAGCTCATGGAACAAGTCTTTCTAA 753

RESULT 2
US-10-010-408-1
; Sequence 1, Application US/10010408

; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CCN-Like Molecules
; and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1708 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 249..1001
; SEQUENCE DESCRIPTION: SEQ ID NO: 1 :
US-10-010-408-1

Query Match 100.0%; Score 753; DB 14; Length 1708;
Best Local Similarity 100.0%; Pred. No. 9e-215;
Matches 753; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGGGCAAGCCCACTGATCCATCTTGGCCCACTTCTCTCTCTCTCTCAATG 60
DB 249 ATGAGGGGCAAGCCCACTGATCCATCTTGGCCCACTTCTCTCTCTCTCTCAATG 308
QY 61 GTGTGTGCCAAGCTGTGCGGACACCTGTGTAACCTGTCTTGGACACCAACCCAGTCCCA 120
DB 309 GTGTGTGCCAAGCTGTGCGGACACCTGTGTAACCTGTCTTGGACACCAACCCAGTCCCA 368
QY 121 CAGGGGGTACCCCTGGTGTGCTGATGGCTGTGCTGTGTAAGTGTGTGCAAGGAGCTG 180
DB 369 CAGGGGGTACCCCTGGTGTGCTGATGGCTGTGCTGTGTAAGTGTGTGCAAGGAGCTG 428
QY 369 CAGGGGGTACCCCTGGTGTGCTGATGGCTGTGCTGTGTAAGTGTGTGCAAGGAGCTG 428
QY 429 GGGGAGTCTGCGACCACTGATGCTGCGACCCAGCCAGGCGCTGTTGTGCAAGCT 488
DB 429 GGGGAGTCTGCGACCACTGATGCTGCGACCCAGCCAGGCGCTGTTGTGCAAGCT 488
QY 489 GGGGAGTCTGCGACCACTGATGCTGCGACCCAGCCAGGCGCTGTTGTGCAAGCT 548
DB 489 GGGGAGTCTGCGACCACTGATGCTGCGACCCAGCCAGGCGCTGTTGTGCAAGCT 548
QY 549 GAGGTGAATGGCCGAGGTACCTGATGAGAGACCTTAAACCAATTGACAGGTCCTG 608
DB 549 GAGGTGAATGGCCGAGGTACCTGATGAGAGACCTTAAACCAATTGACAGGTCCTG 608


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Db 549 GAGGTGAATGGCCGACAGTACCTGGATGGAGAGACCTTTAAACCAATTGACAGGGTCCCTG 608
QY 361 TGCCGCTGTGATGACGGTGGCTTCACCTGGCCCTGGCCGTGTCAGTGAAGATGCGGGCTG 420
Db 609 TGCCGCTGTGATGACGGTGGCTTCACCTGGCCCTGGCCGTGTCAGTGAAGATGCGGGCTG 668
QY 421 CCCAGCTGGAGCTGCCACGCCCCAAGAGAATACAGGTGCCAGGAAAGTGTGCCCCGAG 480
Db 669 CCCAGCTGGAGCTGCCACGCCCCAAGAGAATACAGGTGCCAGGAAAGTGTGCCCCGAG 728
QY 481 TGGGTATGTGACCAAGGAGTGAACACCGGCGATCCAGCGCTCCACGCGCAAGACACCAA 540
Db 729 TGGGTATGTGACCAAGGAGTGAACACCGGCGATCCAGCGCTCCACGCGCAAGACACCAA 788
QY 541 CTTTCTGCCCCGTGTCACTTCCTGCTGCTGTGATGCTCTTGTCCAAATTGGAGCACAGCC 600
Db 789 CTTTCTGCCCCGTGTCACTTCCTGCTGCTGTGATGCTCTTGTCCAAATTGGAGCACAGCC 848
QY 601 TGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCACCAAGAAC 660
Db 849 TGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCACCAAGAAC 908
QY 661 CGATTCTGCCAACTGAGATGCCAACGCGCCTGTGTGTGCCAGACCCCTGCTGGCAGACC 720
Db 909 CGATTCTGCCAACTGAGATGCCAACGCGCCTGTGTGTGCCAGACCCCTGCTGGCAGACC 968
QY 721 AGAGCCACAGCTCATGGAACAGTGTCTTCTAA 753
Db 969 AGAGCCACAGCTCATGGAACAGTGTCTTCTAA 1001
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RESULT 3

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US-10-010-408-12
; Sequence 12, Application US/10010408
; Publication No. US20020165185A1
; GENERAL INFORMATION:
; APPLICANT: John J. Castelli, Jr.
; TITLE OF INVENTION: No. US20020165185A1el Heparin-Induced Con-Like Molecules
; and Uses Therefor
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 681 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..681
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-010-408-12
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Query Match 90.4%; Score 681; DB 14; Length 681;
Best Local Similarity 100.0%; Pred. No. 2.5e-193;
Matches 681; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 70 CAGCTGTGCGGACACCCCTGTACCTGTCTTGGACACCAACCCAGTGCCTCCACAGGGGTA 129
Db 1 CAGCTGTGCGGACACCCCTGTACCTGTCTTGGACACCAACCCAGTGCCTCCACAGGGGTA 60
QY 130 CCCCTGGTGTGATGGCTGTGGCTGTGTAAGTGTGTGCACGGAGGCTGGGGAGTCC 189
Db 61 CCCCTGGTGTGATGGCTGTGGCTGTGTAAGTGTGTGCACGGAGGCTGGGGAGTCC 120
QY 190 TGGACCACTTGATGTCTGCGACCCCAAGCAGGGCTGTTGTACGCTGGGGCAGGC 249
Db 121 TGGACCACTTGATGTCTGCGACCCCAAGCAGGGCTGTTGTACGCTGGGGCAGGC 180
QY 250 CCTGGCGGCATGGGGCTGTGTCTCTTGGATGAGATGACGGTAGCTGTGAGTGAAT 309
Db 181 CCTGGCGGCATGGGGCTGTGTCTCTTGGATGAGATGACGGTAGCTGTGAGTGAAT 240
QY 310 GGCCGAGGTACTGGATGGAGAGACCTTTAAACCAATTGACAGGTCCTGTGCCGCTGT 369
Db 241 GGCCGAGGTACTGGATGGAGAGACCTTTAAACCAATTGACAGGTCCTGTGCCGCTGT 300
QY 370 GATGACGGTGGCTTACCTGCTGCCCTGGCTGTGAGTGAAGATGTGGGCTGCCAGCTGG 429
Db 301 GATGACGGTGGCTTACCTGCTGCCCTGGCTGTGAGTGAAGATGTGGGCTGCCAGCTGG 360
QY 430 GACTGCCACGCCCCCAAGAAATACAGGTGCCAGGAAGTGTGCCCCGAGTGGTATGT 489
Db 361 GACTGCCACGCCCCCAAGAAATACAGGTGCCAGGAAGTGTGCCCCGAGTGGTATGT 420
QY 490 GACCAGGAGTGAACACCGGCGATCCAGCGCTCCACGGCGCAAGACACCACTTTCTGCC 549
Db 421 GACCAGGAGTGAACACCGGCGATCCAGCGCTCCACGGCGCAAGACACCACTTTCTGCC 480
QY 550 CTTGTCACTCTGCTCTGTGTGATGCTCTTGTCCAAATTGGAGCACAGCTGGGGCCCC 609
Db 481 CTTGTCACTCTGCTCTGTGTGATGCTCTTGTCCAAATTGGAGCACAGCTGGGGCCCC 540
QY 610 TGCTCAACCACTGTGGGCTGGCATAGCCACCGAGTGTCCAAACGAACTGTCTGC 669
Db 541 TGCTCAACCACTGTGGGCTGGCATAGCCACCGAGTGTCCAAACGAACTGTCTGC 600
QY 670 CAACTGAGATCCAACGCGCCTGTGTGTGCCAGACCCCTGCTGGCAGCAGAGCCAC 729
Db 601 CAACTGAGATCCAACGCGCCTGTGTGTGCCAGACCCCTGCTGGCAGCAGAGCCAC 660
QY 730 AGCTCATGGAACAGTCTTTC 750
Db 661 AGCTCATGGAACAGTCTTTC 681
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RESULT 4

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US-10-112-267-17
; Sequence 17, Application US/10112267
; Publication No. US20030068678A1
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
```

APPLICANT: Pennica, Diane
APPLICANT: Roy, Margaret Ann
APPLICANT: Wood, William I.
TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: P1176R2
CURRENT APPLICATION NUMBER: US/10/112,267
CURRENT FILING DATE: 2002-03-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/182,145B
PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704
PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612
PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 17
LENGTH: 1734
TYPE: DNA
ORGANISM: Mus musculus
US-10-112-267-17

Query Match 87.5%; Score 659; DB 15; Length 1734;

Best Local Similarity 93.0%; Pred. No. 1.1e-186;

Matches 702; Conservative 0; Mismatches 50; Indels 3; Gaps 1;

QY 1 ATGAGGGGAGCCCACTGATTCATCTTGGCCACTTCTCTCTCTCTCAATG 60
DB 257 ATGAGGGGAGCCCACTGATTCATCTTGGCCACTTCTCTCTCTCTCAATG 316
QY 61 GTGTGTCCCACTGTGCGGACACCTGTACTGTCTTGACACCAACCAGTGCCTCA 120
DB 317 GTGTATCCCACTGTGCGGACACCTGTACTGTCTTGACACCAACCAGTGCCTCA 376
QY 121 CAGGGGTAACCCCTGTGTGATGCGTGTGCTGTAAAGTGTGACAGGAGCTG 180
DB 377 CCGGGGTACCCCTGTGTGATGCGTGTGCTGTAAAGTGTGACAGGAGCTG 436
QY 181 GGGAGTCTTGGACCACTGATGTCTGGAACCCAGGAGGCTTGTGACGCT 240
DB 437 GGGAGTCTTGGACCACTGATGTCTGGAACCCAGGAGGCTTGTGACGCT 496
QY 241 GGGGAGGCGCTGCGGACATGGGCTGTGTCTCTTGATGAGATGACGGTAGCTGT 300
DB 497 GGGGAGGCGCTGCGGACATGGGCTGTGTCTCTTGATGAGATGACGGTAGCTGT 556
QY 301 GAGGTGAATGGCGCAGGTACCTGATGAGAGACCTTTAAACCAATTGACGGTCTCTG 360
DB 557 GAGGTGAATGGCGCAGGTACCTGATGAGAGACCTTTAAACCAATTGACGGTCTCTG 616
QY 361 TGCCGCTGTGATGACGGTGTCTTCACTGCTGCGCTGTGACGTAGGATGTGCGGCTG 420
DB 617 TGCCGCTGTGATGACGGTGTCTTCACTGCTGCGCTGTGACGTAGGATGTGCGGCTG 676
QY 421 CCCAGCTGGAGTGGCCACGCCCCAAGAGATAACAGTGCAGGAAGTGTGCCCCGAG 480
DB 677 CCCAGCTGGAGTGGCCACGCCCCAAGAGATAACAGTGCAGGAAGTGTGCCCCGAG 736
QY 481 TGGGTATGATGACAGGAGTGA--CACCAGGATCCAGCGCTCCAGCGGCGCAAGAGAC 537
DB 737 TGGGTATGATGACAGGAGTGA--CACCAGGATCCAGCGCTCCAGCGGCGCAAGAGAC 796
QY 538 CAACCTTCTGCGCTGTGATCTCTGCTGTGATGCTCTTGTGCAAAATTGAGACACA 597
DB 797 CAACCTTCTGCGCTGTGATCTCTGCTGTGATGCTCTTGTGCAAAATTGAGACACA 856
QY 598 GCCTGGGCGCTGCTCAACCACTGTGGGTGGGATAGCCACCCGAGTGTCCAACCAAG 657
DB 857 GCCTGGGCGCTGCTCAACCACTGTGGGTGGGATAGCCACCCGAGTGTCCAACCAAG 916
QY 658 AACCGATTCTGCAACTGAGATCCAAAGCGCGCTGTGTCTGCCCCAGACCTGCTGGCA 717
DB 917 AACCGATTCTGCAACTGAGATCCAAAGCGCGCTGTGTCTGCCCCAGACCTGCTGGCA 976

QY 718 GCCAGAGCCACAGCTCATGGAACAGTGTCTTCTA 752
DB 977 TCCAGAGCCACAGCTCATGGAACAGTGTCTTCTA 1011

RESULT 5

US-10-112-267-18/c

Sequence 18, Application US/10112267

Publication No. US20030068678A1

GENERAL INFORMATION:

APPLICANT: Botstein, David A.

APPLICANT: Cohen, Robert

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Lawrence, David A.

APPLICANT: Levine, Arnold J.

APPLICANT: Pennica, Diane

APPLICANT: Roy, Margaret Ann

APPLICANT: Wood, William I.

TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME

FILE REFERENCE: P1176R2

CURRENT APPLICATION NUMBER: US/10/112,267

PRIOR APPLICATION NUMBER: 2002-03-27

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/182,145B

PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/063,704

PRIOR FILING DATE: EARLIER FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/073,612

PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-04

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/081,695

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-14

NUMBER OF SEQ ID NOS: 156

SEQ ID NO 18

LENGTH: 1734

TYPE: DNA

ORGANISM: Mus musculus

US-10-112-267-18

Query Match 87.5%; Score 659; DB 15; Length 1734;

Best Local Similarity 93.0%; Pred. No. 1.1e-186;

Matches 702; Conservative 0; Mismatches 50; Indels 3; Gaps 1;

QY 1 ATGAGGGGAGCCCACTGATTCATCTTGTGGCCACTTCTCTCTCTCTCAATG 60
DB 1478 ATGAGGGGAGCCCACTGATTCATCTTGTGGCCACTTCTCTCTCTCTCAATG 1419
QY 61 GTGTGTGCCAGCTGTGCGGACACCTGTACTGTCTTGGACACCAACCAGTGCCTCA 120
DB 1418 GTGTATTCAGAGTGTGCGGACACCTGTACTGTCTTGGACACCAACCAGTGCCTCA 1359
QY 121 CAGGGGTAACCCCTGTGTGATGCGTGTGCTGTAAAGTGTGACAGGAGCTG 180
DB 1358 CCGGGGTACCCCTGTGTGATGCGTGTGCTGTAAAGTGTGACAGGAGCTG 1299
QY 181 GGGAGTCTTGGACCACTGATGTCTGGAACCCAGGAGGCTTGTGACGCT 240
DB 1298 GGGAGTCTTGGACCACTGATGTCTGGAACCCAGGAGGCTTGTGACGCT 1239
QY 241 GGGGAGGCGCTGCGGACATGGGCTGTGTCTCTTGATGAGATGACGGTAGCTGT 300
DB 1238 GGGGAGGCGCTGCGGACATGGGCTGTGTCTCTTGATGAGATGACGGTAGCTGT 1179
QY 301 GAGGTGAATGGCGCAGGTACTGATGAGAGACCTTTAAACCAATTGACGGTCTCTG 360
DB 1178 GAGGTGAATGGCGCAGGTACTGATGAGAGACCTTTAAACCAATTGACGGTCTCTG 1119
QY 361 TGCCGCTGTGATGACGGTGTCTTCACTGCTGCGCTGTGACGTAGGATGTGCGGCTG 420
DB 1118 TGCCGCTGTGATGACGGTGTCTTCACTGCTGCGCTGTGACGTAGGATGTGCGGCTG 1059
QY 421 CCCAGCTGGAGTGGCCACGCCCCAAGAGATAACAGTGCAGGAAGTGTGCCCCGAG 480

Db 1058 CCCAGCTGGGACTGCCCAAGCCCCCAGAGAAATACAGGTGCCAGGAAGTGTGCTCCCGAG 999

QY 481 TGGGTATGTGACCAAGGAGTGA--CACCGCGATCCAGCGCTCCACGGCGAAGACAC 537

Db 998 TGGGTGTGTGACCAGGACGTGATGACCGCGCAATCCAGCCCTCCTCAGCCCAAGACAC 939

QY 538 CAACTTCTTGCCCTTGTCACTCCCTGCTGCTGATGCTCTGTCCAAATGGAGACA 597

Db 938 CACTTCTTGCCCTTGTCACTCCCTGCACTGCGCATCTGCCGATGGCCCCCTGTCCAACTGGAGACA 879

QY 598 GCCTGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCA 657

Db 878 GCCTGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCA 819

QY 658 AACCGATTCTGCCAAGTGAATGAGATCCAGCGCCGCTGTGTCTGCCCAAGACCCCTGCTGCA 717

Db 818 AACCGATTCTGCCAAGTGAATGAGATCCAGCGCTGCTGTCTGTCCAGACCCCTGCTGCA 759

QY 718 GCCAGAGGCCACAGCTCATGGAACAGTCTTCTA 752

Db 758 TCCAGAGGCCACAGGCTCATGGAACAGTCTTCTA 724

RESULT 6

US-10-147-493-319
; Sequence 319, Application US/10147493
; Publication No. US20040029217A1
; GENERAL INFORMATION:

```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C345
; CURRENT APPLICATION NUMBER: US/10/147,493
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-147-493-319

```

Query Match	67.8%;	Score 510.4;	DB 13;	Length 1266;
Best Local Similarity	79.9%;	Pred. No. 2.6e-142;		
Matches 601; Conservative	0;	Mismatches 151;	Indels 0;	Gaps 0;

[illegible]

Db	130	CTGGAGTACCCCTGTGTGTGATGGCTGTGTGCTGTGCCGGTATGTGACGCGGCTG	189
QY	181	GGGGAGTCCCTGCGACCACTGATGTCTGCGACCCAGCCAGCGGCTGTTGTACGCT	240
Db	190	GGGGAGCCCTGCGACCACTCCACGTCTGCGACGCCAGCCAGGCGCTGTCTGCCAGCCC	249
QY	241	GGGGCAGGCCCCTGGCGGCCATGGGGCTGTGTCTCTTTGGATGAGATGACGGTAGCTGT	300
Db	250	GGGGCAGGACCCCGTGGCCGGGGGGCCCTGTGCTCTTTGGCAGAGGACGACAGCACTGT	309
QY	301	GAGGTGAATGGCCCGCAGGTACTGTGATGGAGAGACCTTTAAACCCATTTGAGGGTCTG	360
Db	310	GAGGTGAACGGCCGCTGTATCGGGAAGGGGAGACCTTCCAGCCCCCATGTGACATCCGC	369
QY	361	TGCCGCTGTATGACGGTGGCTTCACTGCTGCCGTCCGCTGTGCAGTGAAGATGTGCGGCTG	420
Db	370	TGCCGCTGCGAGGACGGCGGCTTCACTGCTGCCGTCCGCTGTGCAGGAGATGTGCGGCTG	429
QY	421	CCGAGCTGGGACTGCCCAAGCCCCAAGAGAATACAGGTGCCAGGAAATGCTGCCCCGAG	480
Db	430	CCGAGCTGGGACTGCCCAAGCCCCAAGAGGTCGAGTCTGGGCAAGTGTGCCCTGAG	489
QY	481	TGGGTATGTGACGAGGAGTGAACAAGGCGATCCAGCGCTCCAGCGCGCAAGGACACCA	540
Db	490	TGGGTGTGCGCCAGGAGGAGGAGTGGGAGACCCAGCCCTTCCAGCCCAAGGACCCAG	549
QY	541	CTTTCTGCCCTTGTCACTCCTGCTCTGCTGATGCTCCTTGTCCAATTGAGCACAGCC	600
Db	550	TTTTCTGGCCTTGTCTCTTCCCTGCCCCCTGTGTCTCCCTGCCCCAAGATGAGCACAGCC	609
QY	601	TGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACGAAAC	660
Db	610	TGGGGACCCCTGCTCGACCACTGTGGGCTGGGCATGAGCCACCCGGGTGTCCAACGAAAC	669
QY	661	CGATTCTGCCAATGGAGATCCAAGCCGCTGTGTCTGCCCAAGACCTGCTGGCAGCC	720
Db	670	CGCTTCTGCCAATGGAGATCCAAGCCGCTGTGTCTGCCCAAGACCTGCTGGCAGCC	729
QY	721	AGGAGCCACAGCTCATGGAACAGTCTTTCTA	752
Db	730	AGGGGTGCGAGTCCACAAAACAGTGCCTTCTA	761

RESULT 7

US-10-145-127-319
; Sequence 319, Application US/10145127
; Publication No. US20040033558A1

```

: APPLICANT: Baker, Kevin P.
: APPLICANT: Beresini, Maureen
: APPLICANT: DeForge, Laura
: APPLICANT: Desnoyers, Luc
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Sherwood, Steven
: APPLICANT: Smith, Victoria
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Watanabe, Colin K
: APPLICANT: Wood, William
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: TITLE OF INVENTION: ACIDS ENCODING THE SAME
: FILE REFERENCE: P3330R1C252
: CURRENT APPLICATION NUMBER: US/10/145,127
: CURRENT FILING DATE: 2002-05-13
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 550
: SEQ ID NO 319

```


Query	Match	Similarity	Score	DB	Length
670	CGCTTGTCCGACTGAGACCCAGCGCCGCTGTGCTGTCCAGGCGCTGCCACCTCC	79.9%	510.4	13	1266
721	AGGAGCCACAGCTCATGGAAGTCTTCTA				
730	AGGGGTCCAGTCCACAAACAGTGCCTTCTA				
752					
761					

```

QY      421 CCCAGCTGGGACTGCCACCGCCCCAAGAATAACAGTGCACGAAGAATGTGCCCCGAG 480
          |||
Db       430 CCCAGCTGGGACTGCCACCGCCCCAAGAAGGTGAGGTCCTGGCAAGTGCTGCCCTGAG 489
QY      481 TGGGTATGTGACCAGGAGTGACAACCCGCCATCCAGCCTCCACGGCGCAAGCACCAA 540
          |||
Db       490 TGGGTGTGCGCGCCAAGAGGGGGAACTGGGGAGCCCACCCCTTCCAGCCCAAGGACCCAG 549
QY      541 CTTTCTGCCCTTGTCACTCCTGCTCTGTGATGCTCTTGTCCAAATTGGAGCACAGCC 600
          |||
Db       550 TTTTCTGCCCTTGTCTCTCTCCTGCCCCCTGGTGTCCCTGCCCCAGAATGGAGCACGGCC 609
QY      601 TGGGGCCCCCTGCTCAACCACTGTGGGCTGGGCAATAGCCAACCCAGTGTCCAACCAAGAC 660
          |||
Db       610 TGGGGAACCTGTGACCACTGTGGCTGGGCAATGGCCACCCGGGTGTCCAACTCAAGAAC 669
QY      661 CGATTCTGCCAACTGGAGATCCCAACGCCCGCTGTGTCTGCCAGAACCTTGCTGGCAGCC 720
          |||
Db       670 CGCTTCTGCCGACTGGAGAACCCAGCGCGCCTGTGTCTGTCCAGGCCCTGCCACCCCTCC 729
QY      721 AGGAGCCACAGCTCATGGAACAGTGCTTTCTA 752
          |||
Db       730 AEGGGTGGCAGTCCACAACAAGTGCTTTCTA 761

RESULT 10
US-10-144-993-319
; Sequence 319, Application US/10144993
; Publication No. US20040038336A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P333OR1C261
; CURRENT APPLICATION NUMBER: US/10/144,993
; PRIOR FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-144-993-319

Query Match           67.8%; Score 510.4; DB 13; Length 1266;
Best Local Similarity 79.9%; Pred. No. 2.6e-142;
Matches 601; Conservative 0; Mismatches 151; Indels 0; Gaps 0;

QY      1 ATGAGGGGGCAGCCCACTGATCCATCTTCTGGCCACTTCCTCTGCTCTCTCAATG 60
          |||
Db       10 ATGAGAGGGCACAACCGAAGACCACTCTGCGCTTCTCCCTCTCTGCTCTCAAG 69
QY      61 GTGTGTGCCCCAGCTGTGCGCGGACACCCCTGTACTGTCTCTTGGACACCAACCCCAAGTGC 120
          |||
Db       70 GTGCGTAACCAAGCTGTGTGCCGACACCATGTACTGCTCCCTGGCCACCTCCCGATGCCG 129
```

QY 121 CAGGGGTACCCCTGCTGTGATGCTGTGCTGTGTAAGTGTGACAGGAGCTG 180
Db 130 CTGGAGTACCCCTGCTGTGATGCTGTGCTGTGCTGCTGCTGCTGCTGCTG 189
QY 181 GGGAGTCTGCGAACCACTGATGTCTGCAACCCAGCCAGGCTGTGTCAGCTT 240
Db 190 GGGAGCTCTGCGAACCACTGATGTCTGCAACCCAGCCAGGCTGTGCTGCTG 249
QY 241 GGGCAGGCTCTGCGCGCATGGGCTGTGTCTCTTGGATGAGATGACGGTAGCT 300
Db 250 GGGCAGGCTCTGCGCGCATGGGCTGTGTCTCTTGGATGAGATGACGGTAGCT 309
QY 301 GAGTGAATGGCCGAGGATGATCTGATGAGAGACCTTTAAACCAATTGACAGGCT 360
Db 310 GAGTGAATGGCCGAGGATGATCTGATGAGAGACCTTTAAACCAATTGACAGG 369
QY 361 TGCCGCTGTGATGACGGTGTGCTTCACTGCTGCTGCTGCTGCTGCTGCTG 420
Db 370 TGCCGCTGTGATGACGGTGTGCTTCACTGCTGCTGCTGCTGCTGCTGCTG 429
QY 421 CCCAGCTGGGACTGCCCCACGCCCCCAAGAAATACAGGTGCCAAGAAAGTGTG 480
Db 430 CCCAGCTGGGACTGCCCCACGCCCCCAAGAAAGTGTGCTGCTGCTGCTGAG 489
QY 481 TGGGTATGTGACAGGAGGTGACACCGGCGATCCAGCGCTCCACGGCGCAAGACA 540
Db 490 TGGGTATGTGACAGGAGGTGACACCGGCGATCCAGCGCTCCACGGCGCAAG 549
QY 541 CTTTCTGCTGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600
Db 550 TTTTCTGCTGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 609
QY 601 TGGGGCCCTGTCAACCACTGTGGGTGGGCTAGGCAACCGGAGTGTCCAACGAA 660
Db 610 TGGGGCCCTGTCAACCACTGTGGGTGGGCTAGGCAACCGGAGTGTCCAACG 669
QY 661 CGATTCTGCCAATGAGATCCAAACGCGCTGTGTCTGCCAGACCTGCTGCAAG 720
Db 670 CGATTCTGCCAATGAGATCCAAACGCGCTGTGTCTGCCAGACCTGCTGCA 729
QY 721 AGGAGCCACAGCTCATGGAACAGTCTTTCTA 752
Db 730 AGGAGCCACAGCTCATGGAACAGTCTTTCTA 761

RESULT 11

US-10-158-787-319
; Sequence 319, Application US/10158787
; Publication No. US20040039164A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C449
; CURRENT APPLICATION NUMBER: US/10/158, 787
; CURRENT FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 60/049911

;; PRIOR FILING DATE: 1997-06-18
;; PRIOR APPLICATION NUMBER: 60/056974
;; PRIOR FILING DATE: 1997-08-26
;; PRIOR APPLICATION NUMBER: 60/059113
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059115
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059117
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059122
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059184
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/059263
;; PRIOR FILING DATE: 1997-09-18
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/059588
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 550
;; SEQ ID NO 319
;; LENGTH: 1266
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-10-158-787-319

Query Match 67.8%; Score 510.4; DB 13; Length 1266;
Best Local Similarity 79.9%; Pred. No. 2.6e-142;
Matches 601; Conservative 0; Mismatches 151; Indels 0; Gaps 0;

QY 1 ATGAGGGCAGCCCACTGATCCATCTTCTGGCCACTTCTTCTGCTGCTGCTGCTG 60
Db 10 ATGAGAGGACACCGAAGACCACTCTGCTTCTTCTTCTTCTTCTTCTTCTTCTA 69
QY 61 GTGTGTGCCAGCTGTGCCGACACCTGTACTGTCTTGGACACCAACCCAGTGC 120
Db 70 GTGTGTGCCAGCTGTGCCGACACCACTGTACTGTCTTGGACACCAACCCAGT 129
QY 121 CAGGGGTACCCCTGTGTGTGATGGCTGTGGCTGTGTGTAAGTGTGACAGAGCT 180
Db 130 CTGGAGTACCCCTGTGTGTGATGGCTGTGGCTGTGTGTAAGTGTGACAGAG 189
QY 181 GGGAGTCTTGCAGACCACTGATGTCTGCAACCCAGGAGGCTGTGTGCAAGCT 240
Db 190 GGGAGTCTTGCAGACCACTGATGTCTGCAACCCAGGAGGCTGTGTGCAAG 249
QY 241 GGGCAGGCTCTGCGCGCATGGGCTGTGTCTCTTGGATGAGATGACGGTAGCT 300
Db 250 GGGCAGGCTCTGCGCGCATGGGCTGTGTCTCTTGGATGAGATGACGGTAGCT 309
QY 301 GAGTGAATGGCCGAGGATGATCTGATGAGAGACCTTTAAACCAATTGACAGG 360
Db 310 GAGTGAATGGCCGAGGATGATCTGATGAGAGACCTTTAAACCAATTGACAG 369
QY 361 TGCCGCTGTGATGACGGTGTGCTTCACTGCTGCTGCTGCTGCTGCTGCTG 420
Db 370 TGCCGCTGTGATGACGGTGTGCTTCACTGCTGCTGCTGCTGCTGCTGCTG 429
QY 421 CCCAGCTGGGACTGCCCCACGCCCCAAGAAATACAGGTGCCAAGAAAGTGTG 480
Db 430 CCCAGCTGGGACTGCCCCACGCCCCAAGAAATACAGGTGCCAAGAAAGTGTG 489
QY 481 TGGGTATGTGACAGGAGGTGACACCGGCGATCCAGCGCTCCACGGCGCAAGACA 540
Db 490 TGGGTATGTGACAGGAGGTGACACCGGCGATCCAGCGCTCCACGGCGCAAG 549
QY 541 CTTTCTGCTGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600
Db 550 TTTTCTGCTGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 609
QY 601 TGGGGCCCTGTCAACCACTGTGGGTGGGCTAGGCAACCGGAGTGTCCAACGAA 660

QY	61	GTGTGTGCCAGCTGTGTGCCGACACCCCTGTACTGTCTCTTGACACACCCCACTGCCCCA	120
Db	70	GTGCGTACCAGCTGTGTGCCGACACCACTGTACTGTCCCTTGCCACCTCCCGATGCCCG	129
QY	121	CAGGGGTACCCCTGTGTGTGGATGGCTGTGGCTGTCTGTAAAGTGTGTGACGAGGCTG	180
Db	130	CTGGAGTACCCCTGTGTGTGGATGGCTGTGGCTGTCTGTCCGGTATGTGACAGCGGCTG	189
QY	181	GGGGAGTCTCGGACCACTGCATGTCTGCCACCCCAAGCCAGGAGCTGTGTTCAGCCT	240
Db	190	GGGGAGCCCTGCGACCACTGCCATCTGCCAGCCCAAGGAGGCTGTGTGTGCCAAGCC	249
QY	241	GGGGCAGGCCCTGGCGGCCATGGGCGTGTGTCTCTTGATGAGGATGACGGTACTGT	300
Db	250	GGGGCAGGACCCCGTGGCGGGGCGCTGTGTCTCTTGAGAGGACGACAGCAAGCTGT	309
QY	301	GAGGTGAATGGCCGCGAGTACTGTGATGAGAGACCTTTAAACCAATTGACAGGCTCTG	360
Db	310	GAGGTGAACGGCCGCGCTGTATCGGAAGGGAGACCTTCCAGCCCACTGCATCCGC	369
QY	361	TGCCGCTGTATGACGGTGTGCTTCACTGCTGCGCTGTGTGACAGTGAAGTGTGCGCTG	420
Db	370	TGCCGCTGTGAGGACGGCGGCTTCACTGTGCTGCGCTGTGTGACGAGGATGTGCGCTG	429
QY	421	CCCACTGGGAGCTGCCCCACGCCCCAAGAGATAAGGTGCCAGGAAAGTGTGCCCCGAG	480
Db	430	CCCACTGGGAGCTGCCCCACCCCAAGAGAGGTTCAGAGTCTGTGGCAAGTGTGCTCTGAG	489
QY	481	TGGGTATGTGAACCAAGGAGTGAACCCGCGCATCCAGCGCTCCACGCGCAAGGACACCA	540
Db	490	TGGGTATGTGGCCCAAGGAGGGGGACTGGGGACCCAGCCCTTCCAGCCCAAGGACCCAG	549
QY	541	CTTCTGCGCCCTGTCACTCCTGCTCTGTGTGATGTCTCTGTGCCAAATTGGAGCAGCC	600
Db	550	TTTCTGTGCTGTGTCTCTTCCCTGTCCCTGTGTGTTCCTGTGCCAAGTAGGACAGGCC	609
QY	601	TGGGGCCCTGTCTCAACCACTGTGGGCTGGGCAATAGCCACCCGAGTGTCCAACGAAC	660
Db	610	TGGGGACCTGTCTGACCACTGTGGGCTGGGCAATAGCCACCCGAGTGTCCAACGAAC	669
QY	661	CGATTCTGCGCACTGGAATCCAACGCGCGCTGTGTCTGCCCCAGACCCCTGCGCAGCC	720
Db	670	CGCTTCTGCGCACTGGAAGACCAAGCGCGCGCTGTGTCTGTCCAGGCGCCCTGCCACCCCTCC	729
QY	721	AGGAGCCACAGCTCATGGAACAGTGTCTTCTA	752
Db	730	AGGGTTCGAGTCCACAAAACAGTGCCTTCTA	761

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RESULT 14
US-10-152-405-319
; Sequence 319, Application US/10152405
; Publication No. US20030211571A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME

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; FILE REFERENCE: P3330R1C383
; CURRENT APPLICATION NUMBER: US/10/152,405
; CURRENT FILING DATE: 2002-05-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 319
; LENGTH: 1266
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-152-405-319

```

Query Match	67.8%;	Score 510.4;	DB 13;	Length 1266;
Best Local Similarity	79.9%;	Pred. No. 2.6e-142;		
Matches 601; Conservative	0;	Mismatches 151;	Indels 0;	Gaps 0;

QY	1	ATGAGGGGAGCCCACTGATTCATCTTCTGGCCACTTCTCTCTGCTTCTCTCAATG	60
Dp	10	ATGAGAGGCACACCGAAGACCACCTCTGGCCTTCTTCCCTCTCTGCTCTCTCAAG	69
QY	61	GTGTGTGCCAGCTGTGCCGAGACCCCTGTACCTGTCTTCTTGACACCACCCAGTGCCCA	120
Dp	70	GTGCGTACCCAGCTGTGCCGAGACCATGTACTGCCCCCTGGCCACTTCCCGATGCCCG	129
QY	121	CAGGGGTACCCCTGTGTCTGATGAGCTGTGCTGTCTGTAAAGTGTGTGACGGAAGCTG	180
Dp	130	CTGGAGTACCCCTGTGTCTGATGAGCTGTGCTGTCTGCCGATGTGACGGCGGCTG	189
QY	181	GGGAGTCCCTGCGACCACTGCATGTCTGCAACCCCAAGCCAGGCGCTGTGTGCACGCT	240
Dp	190	GGGGAGCCCTGCGACCACTGCATGTCTGCAACCCCAAGGCGCTGTGTGCACGCT	249
QY	241	GGGGAGGCGCTGCGGCCATGGGGCTGTGTCTCTTGATGAGATGACGCTAGCTGT	300
Dp	250	GGGGCAGGACCCGCTGCGGCCGCGGGGGCCCTGTGCTCTTGCGAGAGACGACAGCTGT	309
QY	301	GAGGTGAATGGCCGCAAGTACTGATGAGAGACCTTTAAACCAATTGCAGGGTCTG	360
Dp	310	GAGGTGAACGGCCGCTGTATTCGGGAAGGGAGAGACTTTCAGGCCCACTGCAGCATCCGC	369
QY	361	TGCCGCTGTGATGACGGTGGCTTCACTGCTGCCGCTGTGCAGTGAGATGTGCGGCTG	420
Dp	370	TGCCCTGCCAGGACGGCGGCTTCACTGCTGCCGCTGTGCAGCGAGATGTGCGGCTG	429
QY	421	CCCACTGGGACTGCCCAAGCCCAAGAAATACAGGTGCCAGGAATGTCTGCCCGAG	480
Dp	430	CCCACTGGGACTGCCCAAGCCCAAGAGGTGAGGTCTGGGCAATGTCTGCCCTGAG	489
QY	481	TGGGATATGACCAAGGAGTGCACCGGCGATCCAGCGCTCCACGGCGCAAGGACACCA	540
Dp	490	TGGGTGTGCGCCCAAGGAGGAGACTGGGGAACCCAGCCCTTCCAGCCCAAGGACCCAG	549
QY	541	CTTTCTGCCCTTGTCACTCTGCTCTGTGATGCTCTTGTCCAAATTGAGACACAGCC	600
Dp	550	TTTTCTGGCCTTGTCTCTTCCCTGCCCCCTGTGTCTCCCTGCCCAAGATGAGCACGGCC	609
QY	601	TGGGAGCCCTGCTCAACCACTGTGGAGCTGGGCATAGCCACCCGAGTGTCCAAACCA	660
Dp	610	TGGGAGCCCTGCTCAACCACTGTGGAGCTGGGCATAGCCACCCGAGTGTCCAAACCA	669
QY	661	CGATTCTGCCAATGAGATCCAAAGCGCGCTGTGTCTGCCCAAGACCTCTGCCAGCC	720
Dp	670	CGCTTCTGCCAATGAGATCCAAAGCGCGCTGTGTCTGCCCAAGACCTCTGCCAGCC	729
QY	721	AGGAGCCACAGCTCATGGAACAGTGTCTTCTA	752
Dp	730	AGGGGTGCAATCCACAAACAGTGTCTTCTA	761

RESULT 15
US-10-127-852A-319
; Sequence 319, Application US/10127852A
; Publication No. US20030203428A1
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C8
CURRENT APPLICATION NUMBER: US/10/127, 852A
PRIOR FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 319
LENGTH: 1266
TYPE: DNA
ORGANISM: Homo Sapien
US-10-127-852A-319

Query Match 67.8%; Score 510.4; DB 13; Length 1266;
Best Local Similarity 79.9%; Pred. No. 2.6e-142;
Matches 601; Conservative 0; Mismatches 151; Indels 0; Gaps 0;

QY 1 ATGAGGGGAGCCCACTGATCCATCTTGGCCACTTCCTCTGCTTCTCAATG 60
DB 10 ATGAGAGGCACACCGAAGACCCACTCTGCTTCTCTCTCTGCTCTCAAG 69
QY 61 GTGTGTCCCAAGCTGTGCGGAGACACCCCTGTAAGTGTGCAAGGCTG 120
DB 70 GTGCGTACCCAGCTGTGCGGAGACACCATGTACCTGCGGCACTCCCGATGCCG 129
QY 121 CAGGGGTACCCCTGTGTGCTGATGCTGTGCTGTAAAGTGTGCAAGGCTG 180
DB 130 CTGGAGTACCCCTGTGTGCTGATGCTGTGCTGTGCGGATGTGCAAGGCTG 189
QY 181 GGGAGTCTGCGACCACTGCACTGTGCGACCCAGGAGGCTGTGAGCCT 240
DB 190 GGGAGCCTGCGACCACTGCACTGTGCGAGCGCAAGGAGGCTGTGCGAGCCC 249
QY 241 GGGCAGGCTGTGCGGCTATGGGCTGTGTCTTGTGATGAGATGACGCTGTG 300
DB 250 GGGCAGGAGCCGCTGTGCGGCGGCGGCTGTGCTTGTGAGAGAGACAGCAGCTGT 309

QY 301 GAGTGAATGCGCCAGGTACTGTGATGAGAGACCTTTAAACCAATTGAGGGTCTG 360
DB 310 GAGTGAACGCGCCCTGTATCGGAGAGGAGACCTTCAGCCCACTGACATCCGC 369
QY 361 TGCCGCTGTGATGACGCTGTGCTTCACTGCTGCGGCTGTGCAAGTGTGCGGCTG 420
DB 370 TGCCGCTGCGAGAGAGCGGCGCTTCACTGCTGCGGCTGTGCAAGTGTGCGGCTG 429
QY 421 CCCAGCTGGGACTGCCACGCCCCAAGAGATACAGGTGCCAGGAAAGTGTGCCCCGAG 480
DB 430 CCCAGCTGGGACTGCCACGCCCCAAGAGGTGAGGTCTGGGCAAGTGTGCCCCGAG 489
QY 481 TGGTATGTGACCAAGGAGTGACACCGGCGATCCAGCGCTCCACGCGCAAGACCA 540
DB 490 TGGTGTGCGGCAAGAGGAGGAGTGGGACCCAGCCCTTCCAGGCCAAGACCCAG 549
QY 541 CTTCTGCCCTGTGCACTCTGCTGCTGTGATGCTCTTGTCCAAATTGAGACACAGCC 600
DB 550 TTTCTGGCCTGTGTCTCTTCCCTGCCCCCTGTGTCCCTGCGCAATGAGACAGGCC 609
QY 601 TGGGCCCCCTGTCAACCACTGTGGCTGGGCATAGCCACCCGAGTGTCCACAGAAC 660
DB 610 TGGGAGCCCTGTCTGACCACTGTGGCTGGGCATAGGCCACCCGAGTGTCCACAGAAC 669
QY 661 CGATTGTGCCAATGAGATCCAAAGCCGCTGTGTGCCCCAGACCTGTGCGGAGCC 720
DB 670 CGCTTGTGCGACTGGAAGACCCAGCGGCTGTGTGCTGTCCAGGCCCTGTGCCACCTCC 729
QY 721 AGGAGCCACAGCTCATGGAACAGTGTCTTA 752
DB 730 AGGGTGGAGTCCACAAACAGTGTCTTA 761

Search completed: May 9, 2004, 11:05:34
Job time : 336.445 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: May 9, 2004, 06:27:47 ; Search time 62.7198 Seconds
(without alignments)
6662.619 Million cell updates/sec

Title: US-10-010-408-3
Perfect score: 753
Sequence: 1 ATGAGGGGACGCCACTGAT.....CATGGAACAGTGTCTTCTAA 753

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 682709 seqs, 277475446 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued Patents NA:*
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3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	90	12.0	1734	4	US-09-182-145-17
2	90	12.0	1734	4	US-09-182-145-18
3	32	4.2	647	4	US-09-023-655-790
4	32	4.2	738	4	US-09-182-145-38
5	32	4.2	841	4	US-09-182-145-39
6	32	4.2	1293	4	US-09-182-145-13
7	32	4.2	1293	4	US-09-182-145-14
8	27	3.6	51	4	US-09-182-145-117
9	19	2.5	372	4	US-09-636-791A-11
10	19	2.5	425	4	US-08-747-562-24
11	19	2.5	616	3	US-09-385-982-220
12	19	2.5	1196	4	US-09-149-476-225
13	19	2.5	1220	4	US-09-149-476-57
14	19	2.5	1514	2	US-09-213-768-1
15	19	2.5	1539	4	US-09-668-680-13
16	19	2.5	2031	4	US-09-252-991A-12122
17	19	2.5	2370	4	US-09-252-991A-12196
18	19	2.5	3120	4	US-09-252-991A-12395
19	18	2.4	20	2	US-09-213-768-2
20	18	2.4	280	4	US-09-313-294A-742
21	18	2.4	315	4	US-09-313-294A-482
22	18	2.4	1218	4	US-09-252-991A-9482
23	18	2.4	1290	4	US-09-252-991A-9349
24	18	2.4	1422	4	US-09-489-039A-7028
25	18	2.4	1646	4	US-09-023-655-629
26	18	2.4	1950	4	US-09-489-039A-6971
27	18	2.4	2196	4	US-09-252-991A-9319

C 28	18	2.4	2790	4	US-09-904-615-30	Sequence 30, Appl
C 29	18	2.4	3727	1	US-08-249-380-1	Sequence 1, Appl1
C 30	17	2.3	44	4	US-09-182-145-152	Sequence 152, App
C 31	17	2.3	435	4	US-09-252-991A-7905	Sequence 7905, Ap
C 32	17	2.3	464	2	US-08-691-814B-117	Sequence 117, App
C 33	17	2.3	477	4	US-09-252-991A-6506	Sequence 6506, Ap
C 34	17	2.3	480	3	US-09-312-283C-206	Sequence 206, App
C 35	17	2.3	482	2	US-08-691-814B-120	Sequence 120, App
C 36	17	2.3	614	3	US-08-998-416-151	Sequence 151, App
C 37	17	2.3	882	4	US-09-489-039A-2691	Sequence 2691, Ap
C 38	17	2.3	896	3	US-09-188-930-36	Sequence 36, Appl
C 39	17	2.3	896	4	US-09-312-283C-36	Sequence 36, Appl
C 40	17	2.3	933	3	US-08-987-743-1	Sequence 1, Appl1
C 41	17	2.3	933	4	US-09-252-991A-6517	Sequence 6517, Ap
C 42	17	2.3	1308	3	US-08-987-743-5	Sequence 5, Appl1
C 43	17	2.3	1596	4	US-09-252-991A-7833	Sequence 7833, Ap
C 44	17	2.3	1740	4	US-09-252-991A-7731	Sequence 7731, Ap
C 45	17	2.3				

ALIGNMENTS

RESULT 1
US-09-182-145-17
; Sequence 17, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; EARLIER FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 17
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-182-145-17
Query Match 12.0%; Score 90; DB 4; Length 1734;
Best Local Similarity 100.0%; Pred. No. 2.2e-34;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 162 AGTGTGTGACGAGGCTGGGGAGTCTCTGCGACCACTGCATGTCTGCGACCCAGCCA 221
DB 418 AGTGTGTGACGAGGCTGGGGAGTCTCTGCGACCACTGCATGTCTGCGACCCAGCCA 477
QY 222 GGGCGTGTGTGTCAGCCTGGGGCAGGCC 251
DB 478 GGGCGTGTGTGTCAGCCTGGGGCAGGCC 507
RESULT 2
US-09-182-145-18/c
; Sequence 18, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:

```
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 18
; LENGTH: 1734
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-182-145-18
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```
Query Match      12.0%; Score 90; DB 4; Length 1734;
Best Local Similarity 100.0%; Pred. No. 2.2e-34;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY      162 AGTGTGTCACGAGGCTGGGGAGTCTCGACCACTGATGTCTGCGACCCGAGCCA 221
Db      1317 AGTGTGTCACGAGGCTGGGGAGTCTCGACCACTGATGTCTGCGACCCGAGCCA 1258
OY      222 GGGCCTGTTTGTCAACCTGGGGCAGGCC 251
Db      1257 GGGCCTGTTTGTCAACCTGGGGCAGGCC 1228
```

RESULT 3

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US-09-023-655-790
; Sequence 790, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
```

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; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 790:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 647 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: LUNGTUT02
; CLONE: 692911
; US-09-023-655-790
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Query Match      4.2%; Score 32; DB 4; Length 647;
Best Local Similarity 100.0%; Pred. No. 4.2e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY      406 GAGATGTGCGGCTGCCAGCTGGACTGCC 437
Db      138 GAGATGTGCGGCTGCCAGCTGGACTGCC 169
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RESULT 4

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US-09-182-145-38
; Sequence 38, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 38
; LENGTH: 738
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-182-145-38
```

```
Query Match      4.2%; Score 32; DB 4; Length 738;
Best Local Similarity 100.0%; Pred. No. 4.2e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      127 GTACCCCTGTGTCTGTGATGGCTGTGGCTG 158
Db      115 GTACCCCTGTGTCTGTGATGGCTGTGGCTG 146
```

RESULT 5

```
US-09-182-145-39
; Sequence 39, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
```

```
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 39
; LENGTH: 841
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-841
; OTHER INFORMATION: Sequence is synthesized.
; Patent No. 6387657
; US-09-182-145-39
```

```
Query Match          4.2%; Score 32; DB 4; Length 841;
Best Local Similarity 100.0%; Pred. No. 4.2e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      406 GAGGATGTCGGCTGCCCCAGCTGGGACTGCC 437
      |||||||
Db      417 GAGGATGTCGGCTGCCCCAGCTGGGACTGCC 448
```

```
RESULT 6
US-09-182-145-13
; Sequence 13, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 13
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-182-145-13
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Query Match          4.2%; Score 32; DB 4; Length 1293;
Best Local Similarity 100.0%; Pred. No. 4.2e-06;
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Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      127 GTACCCCTGTGCTGATGGCTGTGGCTGCTG 158
      |||||||
Db      148 GTACCCCTGTGCTGATGGCTGTGGCTGCTG 179
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RESULT 7
US-09-182-145-14/c
; Sequence 14, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 14
; LENGTH: 1293
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-182-145-14
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Query Match          4.2%; Score 32; DB 4; Length 1293;
Best Local Similarity 100.0%; Pred. No. 4.2e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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      |||||||
Db      1146 GTACCCCTGTGCTGATGGCTGTGGCTGCTG 1115
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RESULT 8
US-09-182-145-117
; Sequence 117, Application US/09182145B
; Patent No. 6387657
; GENERAL INFORMATION:
; APPLICANT: Botstein, David A.
; APPLICANT: Cohen, Robert
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Lawrence, David A.
; APPLICANT: Levine, Arnold J.
; APPLICANT: Pennica, Diane
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: WISP POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: P1176R2
; CURRENT APPLICATION NUMBER: US/09/182,145B
; CURRENT FILING DATE: 1998-10-29
; EARLIER APPLICATION NUMBER: US 60/063,704
; EARLIER FILING DATE: 1997-10-29
; EARLIER APPLICATION NUMBER: US 60/073,612
; EARLIER FILING DATE: 1998-02-04
; EARLIER APPLICATION NUMBER: US 60/081,695
; EARLIER FILING DATE: 1998-04-14
```


; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 117
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1-51
; OTHER INFORMATION: Sequence is synthesized.
; Patent No. 6387657
US-09-182-145-117

Query Match 3.6%; Score 27; DB 4; Length 51;
Best Local Similarity 100.0%; Pred. No. 0.0011;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 132 CCTGGTGTGATGCGCTGTGCTGCTG 158
|||
DB 1 CCTGTGTGCTGATGCTGTGCTGCTG 27

RESULT 9

US-09-636-791A-11/c
; Sequence 11, Application US/09636791A
; Patent No. 6503703
; GENERAL INFORMATION:
; APPLICANT: Palese et al
; TITLE OF INVENTION: IDENTIFICATION AND USE OF ANTIVIRAL COMPOUNDS THAT
; TITLE OF INVENTION: INHIBIT INTERACTION OF HOST CELL PROTEINS AND VIRAL
; TITLE OF INVENTION: PROTEINS REQUIRED FOR VIRAL REPLICATION
; FILE REFERENCE: 6923-077-999
; CURRENT APPLICATION NUMBER: US/09/636,791A
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/148,263
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 372
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-636-791A-11

Query Match 2.5%; Score 19; DB 4; Length 372;
Best Local Similarity 100.0%; Pred. No. 9;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 TGATGACGGTGGCTTCACC 387
|||
DB 80 TGATGACGGTGGCTTCACC 62

RESULT 10

US-08-747-562-24/c
; Sequence 24, Application US/08747562
; Patent No. 6579697
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BOLDIN, Mark
; APPLICANT: METT, Igor
; APPLICANT: VARFOLOMEY, Eugene
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
; TITLE OF INVENTION: AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,562
; APPLICATION NUMBER DATA:
; FILING DATE: 11-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 109,632
; FILING DATE: 11-MAY-1994
; APPLICATION NUMBER DATA:
; APPLICATION NUMBER: IL 111,125
; FILING DATE: 02-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=15A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 425 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-747-562-24

Query Match 2.5%; Score 19; DB 4; Length 425;
Best Local Similarity 100.0%; Pred. No. 9;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 TGATGACGGTGGCTTCACC 387
|||
DB 118 TGATGACGGTGGCTTCACC 100

RESULT 11

US-09-385-982-220/c
; Sequence 220, Application US/09385982
; Patent No. 6262334
; GENERAL INFORMATION:
; APPLICANT: ENDEGE, WILSON O., ET AL.
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS: II
; FILE REFERENCE: CCDNA-260XX
; CURRENT APPLICATION NUMBER: US/09/385,982
; EARLIER FILING DATE: 1999-08-30
; EARLIER APPLICATION NUMBER: 09/328,111
; EARLIER FILING DATE: 1999-06-08
; EARLIER APPLICATION NUMBER: 60/117,393
; EARLIER FILING DATE: 1999-01-27
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; SOFTWARE: FastSeq for Windows Version 3.0
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; LENGTH: 616
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(616)
; OTHER INFORMATION: n = A, T, C or G
US-09-385-982-220

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Best Local Similarity 100.0%; Pred. No. 9.1;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 TGATGACGGTGGCTTCACC 387

DB 127 TGATGACGTGCTCACC 109

RESULT 12

US-09-149-476-225/c

; Sequence 225, Application US/09149476

; Patent No. 6420526

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

; TITLE OF INVENTION: 186 Human Secreted proteins

; FILE REFERENCE: P2002P1

; CURRENT APPLICATION NUMBER: US/09/149,476

; CURRENT FILING DATE: 1998-09-08

; EARLIER APPLICATION NUMBER: PCT/US98/04493

; EARLIER FILING DATE: 1998-03-06

; EARLIER APPLICATION NUMBER: 60/040,162

; EARLIER FILING DATE: 1997-03-07

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; EARLIER FILING DATE: 1997-05-23

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; EARLIER FILING DATE: 1997-05-23

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US-09-149-476-57/c
; Sequence 57, Application US/09149476
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; Patent No. 6420526
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: P2002P1
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; CURRENT FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: PCT/US98/04493
; EARLIER FILING DATE: 1998-03-06
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EARLIER APPLICATION NUMBER: 60/061,060
EARLIER FILING DATE: 1997-10-02

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Db 128 TGATGACGGTGGCTTCACC 110

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US-09-213-768-1/c
Sequence 1, Application US/09213768
Patent No. 5985664
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION
FILE REFERENCE: RTS-0026
CURRENT APPLICATION NUMBER: US/09/213,768

; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (136)..(441)
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US-09-668-680-13
; Sequence 13, Application US/09668680
; Patent No. 6436703

; GENERAL INFORMATION:

; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Zhou, Ping
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Xue, Aidong J.
; APPLICANT: Xu, Chongjun
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. 6436703el Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 790CIP2A
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US-09-668-680-13

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Db 774 CTTCCTCTGCTTCTCTCA 792

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Copyright (c) 1993 - 2004 CompuGen Ltd.

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Post-processing: listing first 45 summaries

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8:	/cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
9:	/cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
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12:	/cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq2:*
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14:	/cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
15:	/cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
16:	/cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
17:	/cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
18:	/cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*
19:	/cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	753	100.0	753	US-10-010-408-3	Sequence 3, Appli
2	753	100.0	1708	US-10-010-408-1	Sequence 1, Appli
3	681	90.4	681	US-10-010-408-12	Sequence 12, Appli
4	210	27.9	210	US-10-010-408-8	Sequence 8, Appli
5	177	23.5	177	US-10-010-408-5	Sequence 5, Appli
6	174	23.1	174	US-10-010-408-10	Sequence 10, Appli
7	90	12.0	1734	US-10-112-267-17	Sequence 17, Appli
8	90	12.0	1734	US-10-112-267-18	Sequence 18, Appli
9	32	4.2	199	US-09-864-761-23432	Sequence 23432, A
10	32	4.2	586	US-09-864-761-6698	Sequence 6698, Ap
11	32	4.2	647	US-10-641-643-790	Sequence 790, App
12	32	4.2	738	US-10-112-267-38	Sequence 38, Appli
13	32	4.2	841	US-10-112-267-39	Sequence 39, Appli
14	32	4.2	1266	US-10-147-493-319	Sequence 319, App

15	32	4.2	1266	13	US-10-145-127-319	Sequence 319, App
16	32	4.2	1266	13	US-10-160-503-319	Sequence 319, App
17	32	4.2	1266	13	US-10-143-118-319	Sequence 319, App
18	32	4.2	1266	13	US-10-144-993-319	Sequence 319, App
19	32	4.2	1266	13	US-10-158-787-319	Sequence 319, App
20	32	4.2	1266	13	US-10-140-808-319	Sequence 319, App
21	32	4.2	1266	13	US-10-140-024-319	Sequence 319, App
22	32	4.2	1266	13	US-10-152-405-319	Sequence 319, App
23	32	4.2	1266	13	US-10-127-852A-319	Sequence 319, App
24	32	4.2	1266	13	US-10-127-900A-319	Sequence 319, App
25	32	4.2	1266	13	US-10-128-685A-319	Sequence 319, App
26	32	4.2	1266	13	US-10-131-820A-319	Sequence 319, App
27	32	4.2	1266	13	US-10-142-886-319	Sequence 319, App
28	32	4.2	1266	13	US-10-146-728-319	Sequence 319, App
29	32	4.2	1266	13	US-10-146-786-319	Sequence 319, App
30	32	4.2	1266	13	US-10-147-499-319	Sequence 319, App
31	32	4.2	1266	13	US-10-157-798-319	Sequence 319, App
32	32	4.2	1266	15	US-10-028-072-319	Sequence 319, App
33	32	4.2	1266	15	US-10-123-904-319	Sequence 319, App
34	32	4.2	1266	15	US-10-123-904-319	Sequence 319, App
35	32	4.2	1266	15	US-10-175-746-319	Sequence 319, App
36	32	4.2	1266	15	US-10-175-746-319	Sequence 319, App
37	32	4.2	1266	15	US-10-176-918-319	Sequence 319, App
38	32	4.2	1266	15	US-10-176-921-319	Sequence 319, App
39	32	4.2	1266	15	US-10-137-865-319	Sequence 319, App
40	32	4.2	1266	15	US-10-140-474-319	Sequence 319, App
41	32	4.2	1266	15	US-10-142-431-319	Sequence 319, App
42	32	4.2	1266	15	US-10-143-114-319	Sequence 319, App
43	32	4.2	1266	15	US-10-140-002-319	Sequence 319, App
44	32	4.2	1266	15	US-10-142-419-319	Sequence 319, App
45	32	4.2	1266	15	US-10-123-262-319	Sequence 319, App

ALIGNMENTS

RESULT 1
US-10-010-408-3
Sequence 3, Application US/10010408
Publication No. US20020165185A1
GENERAL INFORMATION:
APPLICANT: John J. Castelliot, Jr.
TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CGN-Like Molecules and Uses Therefor
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214

```

; INFORMATION FOR SEQ ID NO: 3:
;
; SEQUENCE CHARACTERISTICS:
;     LENGTH: 753 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;     MOLECULE TYPE: cDNA
;
; FEATURE:
;     NAME/KEY: CDS
;     LOCATION: 1..750
;     SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-010-408-3

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Query Match	100.0%;	Score 753;	DB 14;	Length 753;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 753; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	1	ATGAGGGGCGACGCCACTGATCCATCTTCTGGCCACTTCCTCTGACCTTCTCTCAATG	60
Db	1	ATGAGGGGCGACGCCACTGATCCATCTTCTGGCCACTTCCTCTGACCTTCTCTCAATG	60
QY	61	GTTGTGTGCCCAAGCTGTGCGCGACACCCCTGTACCTGTCTCTTGACACCAACCCCAAGTGCCCA	120
Db	61	GTTGTGTGCCCAAGCTGTGCGCGACACCCCTGTACCTGTCTCTTGACACCAACCCCAAGTGCCCA	120
QY	121	CAGGGGGTACCCCTGTGTCTGGATGGCTGTGGCTGTCTGTAAAGTGTGTGCACGGAGGCTG	180
Db	121	CAGGGGGTACCCCTGTGTCTGGATGGCTGTGGCTGTCTGTAAAGTGTGTGCACGGAGGCTG	180
QY	181	GGGAGATCCTGCGACCAACCTGCATGTCTGCGACCCCAAGCCAGGCGCTGGTTGTCAAGCCT	240
Db	181	GGGAGATCCTGCGACCAACCTGCATGTCTGCGACCCCAAGCCAGGCGCTGGTTGTCAAGCCT	240
QY	241	GGGCGAGGCCCTGCGCGCCATGCGGCGTGTGTCTCTTGATGAGGATGACGGTAGCTGT	300
Db	241	GGGCGAGGCCCTGCGCGCCATGCGGCGTGTGTCTCTTGATGAGGATGACGGTAGCTGT	300
QY	301	GAGGTAAATGCGCCGACAGTACCTGGATGAGAGACCTTTAAACCCAAATTGCAGGGTCTG	360
Db	301	GAGGTAAATGCGCCGACAGTACCTGGATGAGAGACCTTTAAACCCAAATTGCAGGGTCTG	360
QY	361	TGCCGCTGTGATGACGGTGGCTTACCTGCTCCGCTGTGTCAGTGAAGATGTGCGGCTG	420
Db	361	TGCCGCTGTGATGACGGTGGCTTACCTGCTCCGCTGTGTCAGTGAAGATGTGCGGCTG	420
QY	421	CCCAGCTGGGACTGCCCAAGCCCAAGAGAAATACAGGTGCCAGGAAAGTGTGCCCGAG	480
Db	421	CCCAGCTGGGACTGCCCAAGCCCAAGAGAAATACAGGTGCCAGGAAAGTGTGCCCGAG	480
QY	481	TGGGTATGTGACCAAGGAGTGACACCGGCGATCCAGCGCTCCACGGCGCAAGSACACCAA	540
Db	481	TGGGTATGTGACCAAGGAGTGACACCGGCGATCCAGCGCTCCACGGCGCAAGSACACCAA	540
QY	541	CTTTCTGCCCTTTGTCACTCCTGCTCTGTGTATGCTCCTTGTCCAATTGAGCACAGCC	600
Db	541	CTTTCTGCCCTTTGTCACTCCTGCTCTGTGTATGCTCCTTGTCCAATTGAGCACAGCC	600
QY	601	TGGGGGCCCTGTCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCAAGAAC	660
Db	601	TGGGGGCCCTGTCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCAACCAAGAAC	660
QY	661	CGATTCTGCGAACTGGAGATCCAAAGCGCGCTGTGTCTTGCCCAAGACCTGCGGACGCC	720
Db	661	CGATTCTGCGAACTGGAGATCCAAAGCGCGCTGTGTCTTGCCCAAGACCTGCGGACGCC	720
QY	721	AGGAGCCACAGCTCATGGAAACAAGTCTTTCTAA 753	
Db	721	AGGAGCCACAGCTCATGGAAACAAGTCTTTCTAA 753	

RESULT 2
US-10-010-408-1
; Sequence 1, Application US/10010408

Publication No. US20020165185A1
GENERAL INFORMATION:
APPLICANT: John J. Castellot, Jr.
TITLE OF INVENTION: No. US20020165185A1 Heparin-Induced CCN-Like Molecules
and Uses Therefor
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/010,408
FILING DATE: 07-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/044,273
FILING DATE: March 19, 1998
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MBI-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1708 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 249..1001
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-010-408-1

	Query Match	100.0%;	Score 753;	DB 14;	Length 1708;
	Best Local Similarity	100.0%;	Pred. No. 0;		
	Matches 753;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0
QY	1 ATGAGGGGAGGCCACTGATCCATCTTCTGGCCACTTCCTCTGCTTCTCTCAATG	60			
Db	249 ATGAGGGGAGGCCACTGATCCATCTTCTGGCCACTTCCTCTGCTTCTCTCAATG	308			
QY	61 GTGTGTGCCCCAGCTGTGCCGGAACCCCTGTACCTGTCTCTTGACACCAACCCAGTGCCCA	120			
Db	309 GTGTGTGCCCCAGCTGTGCCGGAACCCCTGTACCTGTCTCTTGACACCAACCCAGTGCCCA	368			
QY	121 CAGGGGGTACCCCTGTGTCTGGATGGCTGTGGCTGTGTAAAGTGTGTGACCGGAGGCTG	180			
Db	369 CAGGGGGTACCCCTGTGTCTGGATGGCTGTGGCTGTGTAAAGTGTGTGACCGGAGGCTG	428			
QY	181 GGGGATGCTGCGAACCACTGCATGTGTGCAACCCAGCCAGGAGGCTGTTGTCAAGCT	240			
Db	429 GGGGATGCTGCGAACCACTGCATGTGTGCAACCCAGCCAGGAGGCTGTTGTCAAGCT	488			
QY	241 GGGGAGGCTGCTGGCGGCCATGAGGCTGTGTCTCTTGATGAGGATGACGGTAGCTGT	300			
Db	489 GGGGAGGCTGCTGGCGGCCATGAGGCTGTGTCTCTTGATGAGGATGACGGTAGCTGT	548			
QY	301 GAGGTAAATGGCCGAGGTACCTGGATGGAGAGACCTTAAACCAATGTCAGGGTCTG	360			

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Db      549 GAGGTGAATGCGCGCAGAGTACCTGGATGGAGAGACCTTTAAACCCAATTGCAGGGTCTG 608
QY      361 TGCCGCTGTGATGACGAGTGTCTCACTGCTGCCGTGTGAGATGAGGATGTGCGGCTG 420
Db      609 TGCCGCTGTGATGACGAGTGTCTCACTGCTGCCGTGTGAGATGAGGATGTGCGGCTG 668
QY      421 CCCAGTGGGACTGCCCCAGCCCCAAGAAATACAGAGTGCAGAAAGTGTGCCCGGAG 480
Db      669 CCCAGTGGGACTGCCCCAGCCCCAAGAAATACAGAGTGCAGAAAGTGTGCCCGGAG 728
QY      481 TGGGTATGTGACCAAGGAGTGAACACCGGCGATCCAGCGCTCCAGCGGCAAGAGACCA 540
Db      729 TGGGTATGTGACCAAGGAGTGAACACCGGCGATCCAGCGCTCCAGCGGCAAGAGACCA 788
QY      541 CTTTCTGCCCCCTGTCACTCTGCTGCTGTGATGCTCTTGTCCAAATTGAGACACAGCC 600
Db      789 CTTTCTGCCCCCTGTCACTCTGCTGCTGTGATGCTCTTGTCCAAATTGAGACACAGCC 848
QY      601 TGGGGCCCCCTGTCAACCACTGTGGGCTGGGCATAGCCACCAGAGTGTCCAACCAAGAC 660
Db      849 TGGGGCCCCCTGTCAACCACTGTGGGCTGGGCATAGCCACCAGAGTGTCCAACCAAGAC 908
QY      661 CGATTCTGCCAATGAGATCCACCGCGCTGTGTCTGCCAGACCTGCTGCGACGCC 720
Db      909 CGATTCTGCCAATGAGATCCACCGCGCTGTGTCTGCCAGACCTGCTGCGACGCC 968
QY      721 AGGAGCCACAGCTCATGGAACAGTGTCTTAA 753
Db      969 AGGAGCCACAGCTCATGGAACAGTGTCTTAA 1001

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RESULT 3

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US-10-010-408-12
; Sequence 12, Application US/10010408
; Publication No. US20020165185A1
;
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1el Heparin-Induced CCN-Like Molecules
;
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/010,408
; FILING DATE: 07-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/044,273
; FILING DATE: March 19, 1998
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandragouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MBI-004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
;
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 681 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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;
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..681
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-010-408-12

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Query Match          90.4%; Score 681; DB 14; Length 681;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 681; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      70 CAGCTGTGCCGACACCCCTGTACTGTCTTGGACACACCCCAAGTGCACAGGGGTA 129
Db      1 CAGCTGTGCCGACACCCCTGTACTGTCTTGGACACACCCCAAGTGCACAGGGGTA 60
QY      130 CCCCTGTGCTGTGATGCTGTGCTGTGTAAGTGTGTGACAGGAGCTGGGGAGTCC 189
Db      61 CCCCTGTGCTGTGATGCTGTGCTGTGTAAGTGTGTGACAGGAGCTGGGGAGTCC 120
QY      190 TGGCAACCACTGCATGTCTGCAACCCCAAGCCAGGGCCCTGTTGTCAAGCTGGGGCAGGC 249
Db      121 TGGCAACCACTGCATGTCTGCAACCCCAAGCCAGGGCCCTGTTGTCAAGCTGGGGCAGGC 180
QY      250 CCTGGGACCATTGGGGCTGTGTCTCTTGGATGAGATGACCGTAGCTGTGAGTGAAT 309
Db      181 CCTGGGACCATTGGGGCTGTGTCTCTTGGATGAGATGACCGTAGCTGTGAGTGAAT 240
QY      310 GGCCGAGGTAACCTGATGAGAGACCTTTAAACCAATTGACGGTCTGTGCCGTGT 369
Db      241 GGCCGAGGTAACCTGATGAGAGACCTTTAAACCAATTGACGGTCTGTGCCGTGT 300
QY      370 GATGACGCTGCTTACCTGCTGCCGCTGTGTCAGTGAAGATGCGGCTGCCAGCTGG 429
Db      301 GATGACGCTGCTTACCTGCTGCCGCTGTGTCAGTGAAGATGCGGCTGCCAGCTGG 360
QY      430 GACTGCCACGCCCCAAGAGAATACAGGTGCCAGGAAAGTGTGCCCGAGTGGTATGT 489
Db      361 GACTGCCACGCCCCAAGAGAATACAGGTGCCAGGAAAGTGTGCCCGAGTGGTATGT 420
QY      490 GACCAGGAGTGAACACCGGCGATCCAGGCTCCACGGCGCAAGAGACCAACTTTCTGCC 549
Db      421 GACCAGGAGTGAACACCGGCGATCCAGGCTCCACGGCGCAAGAGACCAACTTTCTGCC 480
QY      550 CTGTGACTCTGCTCTCTGTGTGATGCTCTTGTCCAAATTGAGACACAGCCTGGGGCCCC 609
Db      481 CTGTGACTCTGCTCTCTGTGTGATGCTCTTGTCCAAATTGAGACACAGCCTGGGGCCCC 540
QY      610 TGCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCACCAACCGATTCTGC 669
Db      541 TGCTCAACCACTGTGGGCTGGGCATAGCCACCCGAGTGTCCACCAACCGATTCTGC 600
QY      670 CAACTGAGATCCAACGCGCCTGTGTGCTGCCAGACCCCTGCTGGCAGCCAGAGCCAC 729
Db      601 CAACTGAGATCCAACGCGCCTGTGTGCTGCCAGACCCCTGCTGGCAGCCAGAGCCAC 660
QY      730 AGCTCATGGAAGAGTGTTC 750
Db      661 AGCTCATGGAAGAGTGTTC 681

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RESULT 4

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US-10-010-408-8
; Sequence 8, Application US/10010408
; Publication No. US20020165185A1
;
; GENERAL INFORMATION:
; APPLICANT: John J. Castellot, Jr.
; TITLE OF INVENTION: No. US20020165185A1el Heparin-Induced CCN-Like Molecules
;
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street

```